

R480
1918/19

SERIES V

JUN 7 1919

NUMBER 1

Ripon College

BULLETIN



CATALOGUE NUMBER

April, 1919

For Pre-Professional Courses
See Pages 79-86

Published four times a year at Ripon College Administration Building by the Board of Trustees, and entered at the Postoffice at Ripon, Wisconsin, May 16, 1908, as second-class mail matter, under act of July 16, 1904.

ANNUAL CATALOGUE
OF
RIPON COLLEGE

FOR THE ACADEMIC YEAR
1918-1919

THE OBJECT OF THIS BULLETIN IS TO
PRESENT AS ACCURATELY AS POSSIBLE
THE GRADE OF WORK THE COLLEGE
UNDERTAKES TO DO, AND THE CONDI-
TIONS AND REQUIREMENTS UNDER
WHICH IT IS ACCOMPLISHED. IT IS
ISSUED AS NUMBER 1, SERIES V, OF THE
RIPON COLLEGE BULLETIN

RIPON, WISCONSIN
PUBLISHED APRIL, 1919

Table of Contents

For alphabetical index see pages 200 and 201

CORRESPONDENCE	6
CALENDAR	7, 8, 9
HISTORICAL SKETCH	10-13
GENERAL INFORMATION	14-30
Location	14
Origin	14
Purpose	14
Standards	15
Democratic Spirit	15
Religious Life	16
Advantages	17
Grounds and Buildings	17-22
Library	22, 23
Laboratories	23, 24
Museum	25
Medical Adviser	26
Physical Education	26
Athletics	27
Military Science and Tactics	27
What the Government Offers to Members of R. O. T. C.	28, 29
Debating and Oratory	29
Pre-Professional Courses	30
COLLEGE ORGANIZATIONS	31-35
Young Men's Christian Association	31
Young Women's Christian Association	31
Joint Oratorical Board	31
Ripon College Glee Club	32
Women's Glee Club	32
Church Choir	32
Ripon College Band	33
Orchestra	33
Pi Kappa Delta	33
The Mask and Wig	34
The Latin Club	34
The History Club	34
Cercle Francais	35
The League	35
COLLEGE PUBLICATIONS	36
The Bulletin	36
College Days	36
The Crimson	36
STUDENT EXPENSES	37-44
Fees, Tuition and Deposits	37
Dormitory Accommodations	38
College Rooms	38-39
Board	39-40
Student Aid	40
Scholarships and Prizes	41-44

Table of Contents — *Continued.*

GIFTS TO THE COLLEGE.....	45
Reasons for Aiding Ripon.....	45-47
Form of Bequest.....	48
Form of Annuity Bond.....	48
THE COLLEGE ADMINISTRATION.....	49-54
The College Year.....	49
Government.....	49
A Non-Fraternity College.....	50
Classification of Students.....	51
Class Records.....	51
Class Standings.....	51
Absences from Class and Chapel.....	52
Dishonesty in College Work.....	52
Regulations Governing Eligibility.....	53
Requirements for Degrees.....	53, 54
REQUIREMENTS FOR ADMISSION TO COLLEGE.....	55-69
Application for Admission.....	55
Registration.....	55
Scholarship Requirements.....	56
Concerning Foreign Language.....	57
Concerning Vocational Subjects.....	57
Details of Subjects for Admission.....	57-66
Admission by Certificate.....	66
Advanced Standing.....	67
Advanced Standing from Normal Schools.....	67
Ripon College and the State University.....	68
REQUIREMENTS FOR GRADUATION.....	70-74
Required Credits.....	70
Honor Credits.....	70
Course Leading to the Degree of A. B.....	70-73
Course Leading to the Degree of Ph. B.....	73
The Group System.....	75-78
Philosophy.....	75
Language-Literature.....	75
History-Economics.....	76
Biology-Chemistry.....	76
Music.....	77
Mathematics-Physics.....	78
Pre-Professional Courses.....	79-86
Agriculture.....	79
Medicine.....	80
Engineering.....	81
Law.....	82
Field Experience in Public Service.....	82
Commerce.....	83
Library Science.....	83
Theology.....	84
Teaching.....	84
State Teachers' Certificate.....	85

Table of Contents — *Continued.*

COURSES OF INSTRUCTION.....	87
World Literature and Biblical History.....	87
Philosophy.....	88
Education.....	89
Archaeology.....	90
Greek.....	90-92
Latin.....	92, 93
German.....	94, 95
French.....	95-97
Spanish.....	97, 98
English Composition and Public Speaking.....	98-100
English Literature.....	100, 101
History and Political Science.....	101-104
Economics and Sociology.....	104-105
Music.....	106-108
Mathematics.....	108-110
Botany and Zoology.....	110-112
Chemistry.....	113-114
Physics.....	114-117
Physical Education.....	117-118
Library Science.....	118
Elementary Law.....	118-119
Military Science and Tactics.....	119-120
SCHEDULE OF RECITATIONS.....	121-129
SCHOOL OF MUSIC.....	130-139
Faculty.....	130
Courses of Study.....	131-136
Pianoforte.....	131
Organ.....	132
Violin.....	132
Voice.....	132-133
Theory and History of Music.....	133-135
Public School Music.....	135-136
Methods of Teaching.....	136
Training Course in Public School Drawing and Industrial Art.....	136
Requirements for Graduation.....	136
Degree of Bachelor of Music.....	137
Day Pupils.....	137
Tuition and Expenses.....	137-139
Miscellaneous Items.....	139
BOARD OF TRUSTEES.....	140-141
Officers.....	140
Members.....	140-141
Standing Committees.....	141
COLLEGE PREACHERS AND LECTURERS.....	142-143
FACULTY AND OTHER OFFICERS OF INSTRUCTION...	144-151
The College.....	144-147
The School of Music.....	147-148

Table of Contents — *Concluded.*

On the Carnegie Foundation.....	148
The Students' Army Training Corps.....	148
Student Assistants.....	149
Administrative Officers.....	150
Committees of the Faculty.....	151
Joint Committees of the Faculty, Trustees, and Students.....	151
DEGREES CONFERRED, JUNE, 1918.....	152-153
PRIZES AND HONORS AWARDED IN 1918.....	154-155
LIST OF STUDENTS.....	156-166
SUMMARY OF ATTENDANCE.....	167
REGISTER OF ALUMNI.....	168-184
ALUMNI INDEX.....	185-199
INDEX.....	200-201

Correspondence

While general correspondence may be directed to the President or the Dean, that relating to studies, classes, textbooks, etc., may be addressed to any of the instructors.

Correspondence relating to the following specific items should be directed as indicated, the address in each case being Ripon College, Ripon, Wisconsin.

1. Requests for catalogues and other publications of the College,
The President or the Dean.
2. Information regarding admission, accrediting of schools, and certificates of admission,
The President or the Dean.
3. Questions concerning students' ranks and standing in College,
The Registrar.
4. Information regarding instruction in music,
The Director of the School of Music.
5. Questions from parents regarding the general welfare of students,
The President.
6. Scholarships and student loans,
The Dean.
7. Fellowships and graduate study,
The Dean.
8. Endowment and gifts to the College,
The President.
9. Accommodations in the dormitories,
The Dean.
10. Information in regard to graduates for positions as teachers,
Dr. W. J. Mutch, Chairman of the Board on Recommendations.

All checks for deposit fees and other payments should be made payable to the Treasurer of Ripon College.

CIVIL CALENDAR

1919

JANUARY.

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..

JULY.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..

JANUARY.

S	M	T	W	T	F	S
..	..	..	1	2	3	..
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..

JULY.

S	M	T	W	T	F	S
..	..	..	1	2	3	..
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..

FEBRUARY.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	..
..

AUGUST.

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

FEBRUARY.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	..	..	..	..	..	..
..

AUGUST.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	..	..	..	..
..

MARCH.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

SEPTEMBER

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..

MARCH.

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..

SEPTEMBER

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	..	..
..

APRIL.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..
..

OCTOBER.

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..

APRIL.

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	..
..

OCTOBER.

S	M	T	W	T	F	S
..	..	..	..	1	2	..
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31	..	..	..	..	..	..

MAY.

S	M	T	W	T	F	S
..	..	..	..	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
..

NOVEMBER.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	..	..	..	..	..	..

MAY.

S	M	T	W	T	F	S
..	..	..	..	..	..	1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31	..	..	..	..	..

NOVEMBER.

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	..	..	..	..
..

JUNE.

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..

DECEMBER.

S	M	T	W	T	F	S
..	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	..	..	..
..

JUNE.

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	..	..	..
..

DECEMBER.

S	M	T	W	T	F	S
..	..	..	1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	..
..

College Calendar

1919

- January 2, Thursday, 8:00 a. m.....Christmas Vacation Ends
and Second Quarter
Begins.
- March 11-12, Tuesday and Wednesday.....Registration for the Third
Quarter.
- March 19-22, Wednesday, Thursday, Friday
and Saturday.....Examinations for the Sec-
ond Quarter.
- March 22, Saturday.....Second Quarter Ends.
- March 24, Monday, 8:20 a. m.....Third Quarter Begins.
- April 16, Wednesday, 11:00 a. m.....Easter Recess Begins.
- April 22, Tuesday, 8:00 a. m.....Easter Recess Ends.
- June 6-10, Friday, Saturday, Monday
and Tuesday.....Examinations for the Third
Quarter.
- June 8, Sunday.....Baccalaureate Sermon.
- June 9, Monday, 8:00 p. m.....Annual Meeting of the
Board of Trustees.
- June 11, Wednesday.....Annual Meeting of the
Alumni.
- June 12, Thursday.....Fifty-third Annual Com-
mencement.
- September 29-30, Monday and Tuesday.....Registration for the First
Quarter.
- October 1, Wednesday.....Lectures and Recitations
Begin.
- November 27, Thursday.....Thanksgiving Holiday.
- December 9-10, Tuesday and Wednesday.....Registration for the Second
Quarter.
- December 17-20, Wednesday, Thursday,
Friday and Saturday.....Examinations for the First.
Quarter.
- December 20, Saturday, 11:00 a. m.....Christmas Vacation Begins

College Calendar — *Continued.*

1920

January 6, Tuesday, 8:00 a. m.....	Christmas Vacation Ends and Second Quarter Begins.
March 16-17, Tuesday and Wednesday.....	Registration for the Third Quarter.
March 24-27, Wednesday, Thursday, Friday and Saturday.....	Examinations for the Sec- ond Quarter.
March 27, Saturday.....	Second Quarter Ends.
March 29, Monday, 8:20 a. m.....	Third Quarter Begins.
March 31, Wednesday.....	Easter Recess Begins.
April 6, Tuesday, 8:00 a. m.....	Easter Recess Ends.
June 11-15, Friday, Saturday, Monday and Tuesday.....	Examinations for the Third Quarter.
June 13, Sunday.....	Baccalaureate Sermon.
June 14, Monday, 8:00 p. m.....	Annual Meeting of the Board of Trustees.
June 16, Wednesday.....	Annual Meeting of the Alumni.
June 17, Thursday.....	Fifty-fourth Annual Com- mencement.
September 27-28, Monday and Tuesday.....	Registration for the First Quarter.
September 29, Wednesday.....	Lectures and Recitations Begin.
November 25, Thursday.....	Thanksgiving Holiday.
December 7-8, Thursday and Wednesday.....	Registration for the Second Quarter.
December 15-18, Wednesday, Thursday, Friday and Saturday.....	Examinations for the First Quarter.
December 18, Saturday, 11:00 a. m.....	Christmas Vacation Begins.

Ripon College

HISTORICAL SKETCH

The first building in what is now the City of Ripon was erected in the summer of 1849. Two years later the citizens made an effort to found a literary institution of a high order. For this purpose Captain David P. Mapes, who believed that no model town is complete without a college, donated a square acre on the highest point of College Hill and the building of the institution out of which Ripon College grew was begun. Subscriptions to the amount of eight hundred dollars were secured, which were payable in goods, lumber, labor, lime, or any commodity then current. There was little money but much hearty goodwill, the spirit of which was shown when the leader of the enterprise, seeing that the need was pressing, gave his gold watch to advance the work.

During the summer, however, the enterprise was delayed for want of funds, but was taken up again when Mr. William S. Brockway subscribed about three hundred dollars, the amount necessary to put a roof over the walls already erected. In recognition of this gift, which at the time was regarded as munificent, the college was named Brockway College. It bore that name until 1864, when, by act of the legislature, the name Ripon College was substituted.

Looking about for some religious denomination to take up the work of the college, the trustees proposed in 1857 that the Winnebago District Convention of Presbyterian and Congregational Churches assume one-half the debt and complete the college building. The Board offered to convey the entire property to the Convention when they should meet the conditions. But the churches could assume no additional burden at that time. So they appealed to Reverend J. W. Walcott, a member of the Convention, to assume the work of the new college and hold it for the Convention until the churches should be able to take it off his hands. After various negotiations the arrangements were made, Mr. Walcott purchasing from the trustees the entire property.

From the time of its opening until 1855, the institution was under the management of Reverend J. W. Walcott. On February 21, 1857, Mr. Walcott deeded the property back to the Board of Trustees, they securing him for the claim of six thousand nine hundred and seventy-seven dollars by a

mortgage on the entire realty. The deed recognized the right of the Winnebago Convention to nominate candidates to fill vacancies in the board. The campus conveyed in this exchange embraced about nine acres. It has been increased considerably since then. The dormitory building, completed in 1855, was not ready for occupancy until the latter part of the autumn of 1858. The years from 1858 to 1862 witnessed serious struggles in the life of the young college. For a time during this period the buildings and grounds were used for the purposes of the war, and many of its faculty and students saw actual service in the Union armies.

On April 23, 1863, the Reverend William E. Merriman, a graduate of Williams College, and of Union Theological Seminary, a popular preacher and an accomplished scholar, then pastor of the Presbyterian Church at Green Bay, was elected to the presidency of the college. The appointment of Mr. Merriman marked an epoch in the history of the institution. In this year the first college classes were formed. The obstacles which confronted him were extraordinary, but he exhibited at once a power to overcome them, no less extraordinary. His Christian consecration and his enthusiasm were complete, not permitting him to miss any opportunity to do effective work for the college, or for intellectual and spiritual uplift among students and people. Although the institution had at this time no endowment, and only one professor besides the President, it soon took a place of moral and intellectual leadership. Under the direction of the new President, the College grew rapidly and substantially, the number of students more than doubled, new buildings were added, and the College was admitted to membership in the Society for the Promotion of Collegiate and Theological Education in the West. This last accomplishment was of far-reaching consequence, freeing the institution from obligations to the Winnebago Convention, and placing it on a much firmer financial basis. In addition to this a large sum was added to the endowment; but, above all, the College, through this action, became recognized in the fraternity of colleges. In 1874, Dr. Merriman was given a leave of absence on account of ill health, and his active work as head of the College practically ended with that year. In this administration, remarkable in every sense, much was accomplished for the College in a material way, but more important than this was the fact that under the guidance of this strong and simple man, the true spirit of the institution was established.

The administration of Edward Huntington Merrell began in 1876, and continued until 1891. During his administration the general policy of the College as to intellectual and moral aims and spirit, as well as that relating to economy, was maintained. Four new buildings were added; large additions were made to the library; chemical and biological laboratories were established; East College was rebuilt; grounds for athletic sports were purchased; and the endowment funds were about trebled.

In 1892 Reverend Rufus Cushman Flagg, D.D., was elected President. Mr. Flagg was a graduate of Middlebury College and of Andover Theological Seminary. A man of scholarly attainments, breadth of judgment, and solicitous temper, he was received with great heartiness by all members of the faculty and by the students and friends of the College.

President Flagg was succeeded in 1901 by the Reverend Richard Cecil Hughes, D.D. During his administration a complete renovation of the College buildings was made. The dormitories were entirely transformed and modernized. Smith Hall, as the result of a gift from Mr. Elisha D. Smith of Menasha, was remodeled, and, by means of gifts from alumni, the College Commons in West Hall was finished. Dr. Hughes inaugurated a new day for the College. Through his influence Ripon College credits became recognized by the University of Wisconsin. He was the first of the Wisconsin college presidents to obtain such concessions.

In September, 1910, Silas Evans, D. D., LL. D., a graduate of Ripon College in the class of 1898, was elected to the presidency. He resigned on August 1, 1917, to become president of Occidental College, Los Angeles, California. During the seven years of Mr. Evans' administration the College prospered as it had never done before. The outlook of the institution was optimistic and progressive. The faculty was greatly strengthened and the curriculum broadened to meet the new demands of a bigger institution. The pulse of the College was quickened and a true spirit of intellectual alertness prevailed. Through the public addresses which Dr. Evans gave throughout Wisconsin and in many other states, Ripon became a familiar name and its work and aims very greatly appreciated. The enrollment steadily increased and the endowment was finally raised to the half million mark.

After President Evans left Ripon a year elapsed before a new president was elected. During this period Dean Harley Barber acted as president, conducting the affairs of the office with precision and rare understanding. In 1918 the Reverend Henry Coe Culbertson, D. D., LL. D., assumed the duties of the presidency. Dr. Culbertson came to Ripon after having served successfully as president of the College of Emporia for a period of ten years.

Since the beginning of work in 1863 the College has exhibited a well-defined character. As in the best American colleges, the center of interest and effort has been in the courses of study. The men and women who have been members of the faculty have agreed in the thought that scholarship, intellectual life, according to the best conceptions of college men in all time, should be the central concern of young men and women while pursuing their courses. But while aiming at the best results of intellectual training, its instructors have always borne in mind that character is more than these, that the development of character is an essential part of the work of an educational institution, and that there is no sound basis for character except in Christian principle.

General Information

LOCATION

Ripon College is situated at Ripon, Wisconsin, on the Chicago and Northwestern, and the Chicago, Milwaukee and St. Paul Railways, about twenty-two miles west of Fond du Lac, and about seventy-five miles northwest of Milwaukee.

The city of Ripon is one of the most attractive places in the state. It is a residential city with a population of about five thousand people. It is supplied with electricity, gas, waterworks, and other modern conveniences. The scenery is beautiful and the climate healthful. The grounds occupied by the College are excellently located, commanding an extensive view of the surrounding country.

An institution educating masses of students needs every possibility for the maintenance of health. The location of Ripon College at once commends itself. It has nature's purest air, is supplied with deep spring water, and allows of perfect sewerage. Furthermore, the College is located in a small, beautiful city, with a surrounding country of rare beauty and fertility.

ORIGIN

The institution out of which the present Ripon College grew was incorporated January 29, 1851. Brockway College, as the first foundation was called in honor of one of its benefactors, was a development from the Lyceum of Ripon, which was founded November 23, 1850. In 1864 the name Ripon College was substituted by act of the legislature. The first college classes were organized in 1863. From the first the College has been under the control of a self-perpetuating Board of Trustees. While the College is entirely free from ecclesiastical control, the founders and most active early friends of Ripon were chiefly Congregationalists and Presbyterians. It has always had the warm support of various Christian bodies, and from others who have appreciated the importance of its services in training for efficient citizenship.

PURPOSE

Ripon College is a Christian college representing the ideals for which the New England colleges were founded, and is adapted to the needs and spirit of the West. It seeks to emphasize the importance of a liberal education, and offers a

course of study designed to develop men and women and to put them in possession of all their powers, physical, mental, moral, and spiritual, rather than to equip them with technical training for a specific calling. It is interested both in those who desire a full four years' college course and in those who require two years or more of college preparation for the professional schools at the universities.

The College is especially concerned with the moral welfare of its students. It strives to present a genuine Christian atmosphere and to have all of its influences count for the development of strong and well grounded character. Being independent of all ecclesiastical or state control, it is free to adopt such educational policies as in the judgment of its own officers are best adapted to serve the ends for which this type of college stands.

STANDARDS

The high standards of scholarship maintained at Ripon College and the breadth and liberality of her administrative policy are indicated by the fact that the Carnegie Foundation for the Advancement of Teaching placed Ripon College on its first list of approved institutions. The College met all the rigid conditions of the Foundation without a single change. She has ever since enjoyed the advantages and liberal benefactions of that Foundation. From the beginning of her history Ripon College has been characterized by her insistence upon Christian standards of character and conduct and by her freedom from sectarianism. Her application of Christianity to life finds expression in her supreme endeavor to educate her students for good citizenship and for self-denying service to mankind.

The General Educational Board, sometimes called the Rockefeller Foundation, whose requirements of educational efficiency are of the highest sort, placed its endorsement on Ripon College, by contributing Fifty Thousand Dollars toward the endowment fund recently raised. The Board intended that its action shall be regarded by benevolent people as an authoritative endorsement of the high character and assured future of Ripon College.

DEMOCRATIC SPIRIT

Costly customs and extravagances are inconsistent with good scholarship and proper training for life. Ripon College sanctions a liberal and varied social life, but the social customs and traditions of the College do not encourage the squandering of time and

money. The spending of money is not a concern of cash only, but it has a deep relation to the development of character. A true spirit of democracy is developed by the College Commons where students gather together for the common meal, the board being good under expert management, and given at cost. Dormitories and homes, with absence of fraternities, promote the wholesome and unique spirit of democracy which is so manifest at Ripon College. Every man is rated at what he is worth, not in name, or money, or past deeds, but in his actions of today. He must make his individual stamp on undergraduate life, he must contribute something besides his reputation if he is to become a part of the institution.

RELIGIOUS LIFE

Ripon College is a Christian institution. It is non-sectarian, however, in management. Founded in prayer and sacrifice, sustained for all its best services in the Christian spirit, the administration of the College is clear in the conviction and program for Christian life and ideals as an essential reason for the very existence of the College. The aim is to have the simplicity of Christian principle permeate the entire study and life of faculty and student body.

Church attendance is strongly encouraged. The College earnestly asks that parents and home pastors co-operate with it to secure church loyalty. On entrance into the College the student names the church of his preference. Lists are given the local pastors who welcome the students of their group and care for their church interests. Bible courses are given at various church schools at the regular Sunday School hour, taught by members of the College faculty. These classes have the size and spirit which make them popular and profitable.

College chapel service is central to the college life. It is held four days in the week. Religious exercises with a brief address is the general order of the service.

Sunday Vesper service is held once each month in the Congregational Church. Prominent ministers and laymen are secured to speak.

Watchful care is taken to simplify and deepen the moral and religious life. The Christian Associations meet this need in their religious services, their social events, their welcome and plans for the new students. The church young people's societies are popular. Bible classes in the college courses are recognized by the Christian Associations as an integral part of their program.

Curriculum Bible study is conducted in the Christian motive as well as in scholastic requirement. The curriculum provides also for theism, Christian evidences, religious education, and missions. Special voluntary groups are organized by the Christian Associations for religious study and worship. These groups are generally led by Faculty members.

ADVANTAGES

The chief advantages of Ripon College may be summed up as follows:

First. The situation is admirable. The Green Lake section of the state, in which Ripon is located, is unsurpassed for beauty and healthfulness.

Second. The campus is ideal. The buildings are modern in construction, and are well adapted to the purposes for which they were intended.

Third. The expenses to the student are exceptionally low. The total cost of room, board, and college fees may be kept below three hundred dollars a year.

Fourth. The spirit of the College is democratic. The College Commons does much to foster this spirit.

Fifth. The personal contact between professors and students is close. The student is made to feel at home. His teachers are his personal friends and his best guides.

Sixth. The idea of a liberal education is exalted. Ripon College is not a technical school. It aims, however, to prepare for the work of the professional courses. It stands for the training that produces cultured men and women.

Seventh. The ideals of the College are high and the traditions noble. Good work and good character are honored by the students as well as by the faculty.

Eighth. The teaching corps is efficient, and the course of study is sufficiently broad to meet the needs of all students who desire a college training.

GROUND AND BUILDINGS

The campus proper is situated in the western part of the city, on an elevation of land containing about twelve acres. The middle of the elevation is nearly circular, about one hundred yards in diameter, smooth and level, and has an altitude of over thirty feet above the surrounding country. Upon this hill stand five of the College buildings. The others are con-

veniently located at the foot of the hill. The College is also fortunate in possessing an excellent athletic field, which affords ample space for baseball and football. It also contains a quarter-mile cinder track.

INGRAM HALL

A three-story brick building with stone trimmings, was completed in 1900 and named after one of its principal donors, Mr. O. H. Ingram of Eau Claire. It is the main lecture hall of the College, and contains the College Library. On the first floor are situated the offices, the lecture-rooms and laboratories of the departments of Biology and of Physics, the office of the Dean and the Registrar, and the stack-room of the Library. The second floor is occupied by lecture-rooms, and by the reading-room and office of the Library. On the third floor are the Chemistry laboratories, the lecture-rooms of the department of Philosophy and Education and of Economics and Sociology.

EAST COLLEGE

The first permanent building was completed in 1855. Formerly it was used chiefly for dormitory purposes. Later it was remodeled and now contains the administrative offices of the College, the Chapel, the studios and practice-rooms of the School of Music, and the quarters of the Young Men's and Young Women's Christian Associations. The building is a three-story, stone structure. It was originally fifty feet square, but the addition of a spacious wing to the west side has made it about twice its original size. During the summer of 1918 the College Chapel was completely renovated. The walls were freshened, a steel ceiling was put in, and a system of indirect lighting was adopted. Opera chairs were installed in place of the long benches of former days.

MIDDLE COLLEGE

Now known as Smith Hall, in memory of the late Elisha D. Smith, was opened as a dormitory for men in 1903. It is a four-story, stone building. It is finished throughout in hardwood, is heated by steam, and lighted by gas and electricity, and is thoroughly equipped throughout. Some of the suites are arranged for two students, and consist of a central study with a bedroom and wardrobe on each side. Others are arranged for one occupant, and consist of a single study, bedroom, and wardrobe. Besides the student apartments, this

hall contains a reception-room, guest-room, hospital, and in the basement an excellent bowling alley. The reception-room is furnished in mission style and has a large open fireplace.

WEST HALL

West Hall, which contains the College Commons, is a stone structure eighty by fifty feet and four stories high. By means of funds provided by the alumni, the first floor has been made into a thoroughly equipped modern dining-room. The Dining Association, which has charge of the Commons, provides an excellent quality of board at cost. The dining-room is large, finished in oak, well lighted, and provided with two open fireplaces. There are ample cloak and waiting rooms. The kitchen and serving rooms are models of convenience. The second and third floors of the building are used as dormitories for men, and are equipped in the same thorough manner as the rooms in Smith Hall. On the second floor is a large, pleasantly situated, and attractively furnished reception room.

DUFFIE HALL

Duffie Hall, a dormitory for men, is situated just south of the lower campus, on the corner of Woodside Avenue and Seward Street. It was formerly the residence of Mr. George C. Duffie of the class of 1868. It is a handsome house of stone, connected with the central heating plant and provides pleasant accommodations for eighteen men. Through the kindness of Mr. Duffie the home came into the possession of the College in 1918 and is named in his honor.

BARTLETT HALL

This dormitory for women is a four-story, cream brick building. It was named in honor of the late Sumner Bartlett, of Oshkosh, and is situated at the southwest corner of the campus. It is finished in hardwood, is steam heated throughout, and is supplied with hot and cold water. The suites for students consist of a study, bedroom, and wardrobe. The building also contains a reception-room, library, and guest-room. There is a kitchen and dining-room for occasional use. The reception-room is at the left of the entrance corridor; this leads into the house library containing current periodicals, a piano, and furnishings which add to the home-like atmosphere of the building. It is one of the most convenient and attractive college dormitories for women that can be found.

During the first quarter, 1918, Bartlett Hall was used to house a large number of the men in the Students' Army Training Corps. Since then the interior has been done over and the Hall completely re-furnished. It is more attractive now than ever before.

THE MARY C. HARWOOD HALL

Another dormitory for women was purchased in 1916 and named for the late Miss Mary C. Harwood, Dean of the Women and Professor of French and German in Ripon College, 1895-1914. The building is a beautiful three-story structure, located a block from the campus, on the corner of Woodside Avenue and Thorn Street. It was formerly known as the Chittenden residence. The building has been thoroughly renovated and re-furnished. It makes an attractive and comfortable home for a limited number of women.

PARKHURST HALL

The first president of the College, Dr. Merriman, built for himself a large brick house, just south of the College campus. The house is now the property of the College, and for a number of years, until the fall of 1919, was used as the residence of the President of the College. It is now used as a dormitory for young women, for which purpose it is admirably adapted. The rooms are large and beautiful and are tastefully furnished throughout. The Hall has been named in honor of the late Mrs. C. C. Parkhurst, a good friend of the College and grandmother of Miss Shirley Farr, a member of the Board of Trustees of the College.

THE PRESIDENT'S HOUSE

Through the generosity of Miss Shirley Farr of Chicago, Vice-President of the Board of Trustees of Ripon College, the very handsome home on the corner of Thorn and Ransom Streets became the residence of the President. The home is convenient to the campus, is well adapted to the needs of a president's family, and is the center of the life of the College.

ATHENIAN HALL

The old Chemical Laboratory, vacated when Ingram Hall was completed, has been remodeled for other purposes. The two main rooms have been turned into one large hall. The hall is supplied with a stage and is used for public speaking classes, debates, oratorical contests, dramatics, band rehearsals and social affairs.

DAWES COTTAGE

Dawes Cottage offers additional dormitory room for men. It is a comfortable frame building, convenient to the College campus. The engineer of the College also has his home here.

THE BIRTHPLACE OF THE REPUBLICAN PARTY

On the southwest corner of the campus stands a small white school house which bears the following inscription: "Birthplace of the Republican Party. In this school house March 20, 1854 was held the first mass meeting in this country that definitely and positively cut loose from old parties and advocated a new party under the name Republican."

This school house was originally built on a triangular piece of land just north of where the present Ripon high school building stands. Several years later it was moved eastward to the corner of Houston and East Fond du Lac streets and was converted into a dwelling. During the early part of the year 1908, the property was offered for sale. Through the efforts of the Ripon Historical Society, the City Council and the Commercial Club, the property was purchased and the building moved to its present site on the College campus, where it is being preserved as an historical relic, and used as a museum of natural science.

CENTRAL HEATING PLANT

A complete central heating plant has been installed. The system has resulted in increased comfort in the buildings, and in a large saving in cost. The steam supply pipes connecting the various buildings with the boilers, are so thoroughly insulated in the conduits that the waste from radiation is reduced to a minimum. The boilers carry high-pressure steam, and there is room in the boiler house for installation of dynamos for the production of light and power.

THE GYMNASIUM

The Indoor Athletic Field is of the best type of gymnasium architecture, and offers many unusual advantages for physical training and development. The gymnasium has a hardwood floor, one hundred twenty-four by seventy-four feet, for basketball, indoor baseball, tennis, and such games. This affords sufficient space for early spring training in all track and field sports, and for football and baseball, when the weather prohibits the use of the Ingalls Athletic Park. The South section of the building contains the showerbaths, rubbing and drying rooms. The building furnishes a convenient place for public intercollegiate athletic sports.

The plans for the completed building include two wings. They will contain all the essential features of a modern gymnasium. The first floor of the men's section will be equipped for college club-rooms. The second floor will contain the gymnastic apparatus for calisthenics. The women's section will be similar, having club-rooms and upper floor gymnasium. Each of the wings will be ninety by fifty feet.

LIBRARY

THE COLLEGE LIBRARY occupies large central rooms on the first and second floors of Ingram Hall. The main reading-room is on the second floor, and there is also a reading-room on the first floor in connection with the stack-room.

The library, according to the latest accession number, contains 27,813 volumes, exclusive of pamphlets, of which there are about 3,264. The aim of the College in the library has been to get the best books by the best authors. The result is an excellent working library, containing standard editions, critical works, books of reference, and bound periodicals. The number of the latter was increased by a hundred and eighty volumes through binding during the past year.

In addition to the library and reading-room facilities on the campus, students have access to the city library, now in the new Carnegie building, one block from the campus. The college library and the city library are largely supplementary, the former being strong in works of reference, the latter naturally furnishing books of more general interest. Both are open with a uniform rule to students and citizens.

The department of Religious Education has a good collection of appliances for modern religious education, including the leading graded text-books on the Bible, complete sets of the Tissot and Wilde pictures and those of the Presbyterian Board, and numerous books and other materials of value to those engaged in Sunday School work, or preparing for it. The department provides actual work in selecting and preparing materials for the various grades, and in teaching classes in a thoroughly graded school.

Opportunity is open to students, who wish to learn library work or purpose becoming librarians, to do practical work in the College Library. An apprenticeship of one hundred hours is served, after which the student receives financial remuneration.

The library is maintained in part by the income of a special gift for the purpose from Mr. Andrew Carnegie.

The library contains the following collections:

THE HARRY D. CLARK COLLECTION. The interest of a fund raised by the class of 1898 as a memorial to their deceased classmate, Harry D. Clark, is available for the purchase of books. There are at the present time 298 volumes in this collection.

THE BENJAMIN FRANKLIN THOMAS COLLECTION. The Thomas scientific library of physics was willed to the College Library by the late B. F. Thomas, of the class of 1874. Dr. Thomas was Professor of Physics at Ohio University. There are about 400 volumes in this collection.

THE MARY C. HARWOOD COLLECTION. The modern language library of the late Miss Mary C. Harwood was presented to the College Library by her sister, Mrs. H. A. Harwood. Miss Harwood was Dean of Women and Professor of French and German at Ripon from 1895 to 1914. There are 774 volumes in this collection, including 100 volumes which have been put into suitable library binding through the kindness of Miss Shirley Farr.

Other collections in the library are: The Clarissa Tucker Tracy Collection (71 volumes); The Ripon Oratorical Union Collection (30 volumes); The Delta Phi Sigma Collection (10 volumes) and the Dr. Edward Huntington Merrell Collection (161 volumes).

LABORATORIES

THE DEPARTMENT OF BIOLOGY occupies the east end of the first floor of Ingram Hall. There are three laboratories, arranged to take advantage of the north light for microscopical study, as far as possible. The largest of these is used for the work in the elementary courses and is well equipped with compound and dissecting microscopes available for student use. The other two laboratories are used, the one for bacteriology and embryology, the other for histology and physiology. These are fitted up with microtomes, paraffin oven, still, incubator, refrigerator, autoclave, steam and dry air sterilizers, and such special apparatus as is necessary in carrying out experimental work in physiology. All of the laboratories are fitted with electricity, gas and running water. Besides the laboratories the department has a vivarium and

injection room with a dark-room in the basement. The apparatus is kept in good condition and is available for student use when necessary. Additions are made from time to time in order to keep pace with the strides of the biological sciences.

THE DEPARTMENT OF PHYSICS occupies the west end of the first floor of Ingram Hall and the southeast corner of the basement. This part of the building is particularly free from disturbances, well lighted, and admirably adapted for a physical laboratory. Every room is provided with water sinks, gas and electric light connections, and electricity from a bank of storage cells located in the basement. Four slate-capped piers of masonry rising from deep in the ground serve for experiments requiring unusual stability. A large and convenient dark room, complete in its appointments, is provided for work in optics, photometry and photography. This is an interior room and also serves for a constant temperature room, as the building is heated by steam with thermostatic control.

The laboratories have all been remodeled and during the past few years newly equipped with the best grade of physical apparatus.

The aim of the department is to present the subject of Physics as a science of exact measurement, with particular emphasis on the physical principles involved. Consequently, the apparatus found in this laboratory has been selected with special reference to its ability to yield accurate results in the hands of average students. The equipment for courses in general physics, optics, heat, and electrical measurements is unusually complete, meeting all the demands of a thorough course in each of these subjects. Every student in the laboratory receives the personal attention of the head of the department, and is continually in receipt of instruction and suggestion by personal contact, which is the most valuable way in which information can be given.

THE DEPARTMENT OF CHEMISTRY occupies the third floor of Ingram Hall; it has a large lecture-room, with a stock-room in close connection. The stock-room is conveniently arranged for chemicals and apparatus. Across the hall are the office library and balance-room, and the laboratories for general chemistry, qualitative, and quantitative analysis. There are also laboratories for organic chemistry and for private research. All laboratories are supplied with hoods and with individual desks, and each desk is furnished with lockers, gas and water. The lecture-room has every facility for demonstration, and the department is well equipped throughout.

MUSEUM

Although the College has no adequate quarters for a museum, it possesses some important collections. These are exceedingly useful for illustrative purposes in connection with regular class work. It is hoped that a suitable building may be provided for these collections in due time, thus making them available for more general inspection. The collections include the following:

BIOLOGICAL COLLECTIONS. The College is fortunate in having a very creditable number of invertebrate and vertebrate forms. This collection is available for student use and adds materially to the scope of the courses in the Department of Biology. In addition to the above mentioned collection, the Congdon collection of birds' eggs has been secured by the College. These eggs were collected by Russell T. Congdon of the class of 1903 in Wisconsin and Canada. They were secured by the College together with his collection of the birds of this region, and add materially to the value of the exhibition.

ARCHAEOLOGICAL COLLECTIONS. The departments of Latin and Greek possess an unusually fine collection of archaeological material. There are several thousand carefully selected photographs and slides, illustrating Greek and Roman history, geography, life, and art. There is also a small but carefully chosen collection of antiquities of special interest to students of the classics. There are 250 different Roman coins of the most important reigns of the Empire; more than fifty terra cotta lamps illustrating all the types, many of which are figured; Etruscan, Greek, and Roman vases, dating from 750 B. C. to about 300 B. C.; bronze fibulae, keys, letter stamps, bone stili, spoons, dice, etc., several fine specimens of glass from Greece and Italy; inscribed amphora handles, and numerous other articles connected with the daily life of the ancient Romans.

THE BARBER COLLECTION OF MINERALS. The nucleus of this collection was given to the College by the Reverend Geo. W. Barber. This is supplemented by the New Orleans Collection, from the New Orleans Exposition; and by the Armstrong collection of 500 minerals and rocks.

In addition to these collections is the "Educational Series of Rocks," furnished by the United States Government, and several valuable specimens from the mining regions of Wisconsin and Michigan.

MEDICAL ADVISER

Appointment is made by the College of a medical adviser, who aids the Dean and the Physical Directors in conserving the health of the students. If at any time, in the judgment of the Dean or the Physical Directors, any student seems in need of a physical examination or medical advice, he may be sent to the Medical Adviser, who performs these services without charge to the student and reports to the Dean. If the student is found to be in need of medical attendance, he is notified by the Dean to secure it at his own expense, from whatever source he may desire. If in the opinion of the Medical Adviser the condition of the student is such as to necessitate his leaving college, his parents are notified to this effect.

PHYSICAL EDUCATION

FOR MEN

The Gymnasium is steam heated and equipped with the apparatus necessary for the thorough and systematic training and development of the human body. It is provided with lockers, hot and cold water, shower baths, rubbing and drying rooms.

The Gymnasium is in charge of a professional director. The training and exercise are under the immediate oversight and authority of the director, and are directed wholly with the view to the healthful development of the student. All young men are required to be examined by the director of physical culture, and exercises are prescribed for correcting physical defects, with specific directions in regard to diet and bathing.

By placing the gymnasium work under the care of a thoroughly-trained specialist, who is a regular member of the college faculty, physical training has been developed to a degree of efficiency, under the best possible conditions.

FOR WOMEN

Excellent gymnasium facilities are provided for women. The training and exercise are under the direction of a woman who is an expert in this line of work. A physical examination is made of each student by the medical adviser and the physical director. The work consists of systematic exercises for the development of all parts of the body. The aim is to develop in all students the physical qualities of organic vigor, neuro-muscular skill, correct posture, and graceful actions; and such traits of character as courage, persistency, confidence, and sound judg-

ment. It also teaches the capabilities, limitations, and control of the body. Special attention is given to recreation activities for relaxation from mental work. During the fall and spring the work is carried on out of doors when the weather permits.

ATHLETICS

The College encourages outdoor athletic games among the students. To encourage as many as possible to participate, interclass and dormitory games are arranged. The College is a member of the Wisconsin Intercollegiate Athletic Association and all games are played under its rules. General supervision of all athletic interests of the College is now vested in a committee, consisting of the Dean of the College, the Director of Athletics, a member of the Board of Trustees, and the Captain and Manager of the sport concerned. This committee formulates all rules, appoints managers for the various teams, and is responsible for the athletic policy of the College. All contracts for games are made by authority of the committee, witnessed by the signature of the Dean.

The Indoor Athletic Field offers many unusual advantages for early spring training in all track and field sports, and for baseball and football when the weather prohibits the use of the Ingalls Athletic Park. It has a hardwood floor, one hundred twenty-four by seventy-four feet, for basketball, tennis, and such games. There is only one other regulation college basketball floor in the state — that at the University of Wisconsin. The building furnishes a convenient place for public intercollegiate athletic sports.

Ingalls Athletic Park is well adapted to the special purposes for which it is used. The gridiron is level and of even, firm turf. The diamond is smooth and suitable for college games. The running track includes a full quarter mile.

Football and basketball are among the most popular college sports at Ripon and the games arouse an enthusiasm in which the whole college shares. As a rule fully one-third of the men in Ripon try for the teams, and stay for work whether they make the first team or not. Ripon's record in these sports is very gratifying both to students and alumni.

MILITARY SCIENCE AND TACTICS

During the fall quarter the Students' Army Training Corps at Ripon numbered one hundred and seventy-five out of two hundred young men enrolled in the school. Now that the war is over the S. A. T. C. has been disbanded, but the Reserve Offi-

cers' Training Corps has been established in its stead. Students who enroll in this R. O. T. C. will take a course of three hours per week under Captain William E. Ostermaier, who has been assigned to this institution by the War Department of the United States Government, and they will also spend certain hours per week in drill under the direction of this able officer. The government will make compensation to these students who are thus enrolled, including uniform and summer camp and cash payments toward living expenses. This compensation will enable many young men who need an education, but with whom financial problems are a consideration to secure a college course. At the same time they will be fitting themselves for service to their country in any future emergency which may arise, and if they have a good record in their work will receive upon graduation a commission as reserve officers who will be liable to call from their civil pursuits to military command in any possible future crisis.

WHAT THE GOVERNMENT OFFERS TO MEMBERS OF R. O. T. C.

SENIOR DIVISION

I. Each man will receive:

(actual cost value)

1 Coat, wool O. D.....	\$ 9.79
1 Breeches, wool O. D.....	6.32
1 Shoes, russet for marching	4.65
1 Shirt, wool O. D.....	3.50
1 Overcoat, O. D. short...	13.56
1 Leggings, pair canvas	1.05
1 Hat, service.....	2.00
2 Collar ornaments .....	.07
1 Hat cord .....	.09
1 Belt .....	.23
Chevrons .....	.57

Additional for those attending
summer camps:

2 Breeches, cotton O. D...	\$ 3.38
1 Shoes, russet for marching	4.65
1 Shirt, wool O. D.....	3.50
1 Leggings, pair canvas....	1.05
1 Hat additional	2.00
1 Hat cord .....	.09

per year.....	\$41.83	\$14.67
Each man will receive in four years, property valued at 4×41.83		\$167.32
Each man will receive in three summers property valued at 3×14.67		44.01
Each man recommended will receive commutation of subsistence, 2 years, or 590 days, at 40 cents per day.....		236.00
Each man may receive commutation of subsistence in kind (not paid in cash) three summers, 135 days at 40 cents per day...		54.00
Transportation average 1000 miles per summer, or 3000 miles for three summers, at 4 cents.....		120.00
		<u>\$621.33</u>
Average for each of the four years in college course.....		\$155.33
Besides the items mentioned above, equipment issued for each student amounts to at least		\$ 50.00

II. The privilege of buying extra uniform at the above mentioned prices from the Quartermaster Department, which will have an additional saving value to those who take advantage of it.

III. The privilege of special technical training in various fields without any tuition charges.

IV. The opportunity to obtain a commission as second lieutenant of the Regular Army for a period not exceeding six months, with allowances for that grade, and with pay at the rate of \$100.00 per month.

JUNIOR DIVISION

The members of Junior Division are on the same basis in respect to the above items as the Senior division, except that no commutation of subsistence, other than in the summer, will be granted. However, credit will be given for work done in the Junior Division toward advanced military standing so that a member of the Junior Division who has done substantially the same work as that given for the first two years of the Senior Division may be given advanced standing which will entitle him to commutation of subsistence the first year he enters college.

DEBATING AND ORATORY

There are unusual opportunities at Ripon for those who are interested in debating. Debating is the one intellectual college sport, and in this branch Ripon does not lag behind. In 1916 the department was thoroughly reorganized and since that time interest in all kinds of forensic work has been rapidly growing. The College holds membership in three debating leagues. Ripon holds debates with the following colleges: Lawrence, Carroll, Northwestern, Milton and Coe. In 1918 the College participated in six debates, winning five out of this number.

Ripon College has a chapter of Pi Kappa Delta, a national forensic society. In order to become a member of this organization the student must have taken part in an intercollegiate oratorical contest or in an intercollegiate debate.

In another activity closely akin to debating there is offered an excellent opportunity for those students who are interested in public speaking. Ripon College is a member of several intercollegiate oratorical associations. Among these are: the Wisconsin Oratorical Association, the Interstate Oratorical Association, the Wisconsin Peace Association, the Interstate Peace Association, the Wisconsin Prohibition Association, and the

Interstate Prohibition League. In the associations Ripon competes with Beloit, Carroll, Lawrence, Marquette, Milton, and the University of Wisconsin. During the past three years, in six oratorical contests with these institutions, Ripon has won two first places, two second places, and two third places. Excellent courses in oratory are offered and much individual attention is given to those students who wish to compete in any of the local or intercollegiate contests.

PRE-PROFESSIONAL COURSES

The curriculum at Ripon has always aimed to be liberal in the opportunities offered, and well balanced in the requirements imposed. In the courses of instruction offered, there has been a steady increase in the range of elective studies, avoiding on the one hand the monotony of a narrow group of studies mostly of an elementary sort, and on the other hand the distortion due to numerous specialized courses dealing with limited and disconnected portions of a field of study. Ripon has refrained from offering instruction of a merely professional or technical sort and has offered such courses as possess a general cultural value, though many of them are of special value in the preparation for certain careers. All first-class professional schools are now requiring at least two years of college work for entrance, and the best educational practice recognizes the combined college and professional course as a desirable arrangement.

During the past year nearly all the heads of the different professional schools at the University of Wisconsin have visited Ripon and in conjunction with the faculty here have arranged courses of the most approved character for those students who desire to take up, later on, special courses at the University. Ripon is, therefore, admirably provided with courses leading to professional work in Agriculture, Medicine, Engineering, Law, Public Service, Commerce, Library Science, Theology, and Teaching. Moreover, through special arrangement with the University of Wisconsin, students who have completed a three-year pre-professional course of study at Ripon may enter upon their professional courses in the University and at the completion of one year's work there receive their bachelor's degree from Ripon College, thus graduating with their original class. Those interested in these pre-professional courses will find full information on pages 79-86.

College Organizations

THE YOUNG MEN'S CHRISTIAN ASSOCIATION

During the formative period of college life there is great necessity for symmetrical development, for a balancing of intellectual with spiritual growth. The College Y. M. C. A. recognized this necessity, and organized for the purpose of aiding this harmonious development. In opening its doors to all young men of the College, the association aims to extend its sphere of influence as far as possible. Although distinctly a student organization, the association has the active support of the faculty, some of them being members, and many leading in the meetings. In order to keep in touch with the larger movement, the College Y. M. C. A. aims to be represented regularly at the state conventions, and also at the yearly conference of college men held at Lake Geneva. The officers of the association are: Harold Heller, president, Moses Roberts, secretary and treasurer.

THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION

The object of the Young Women's Christian Association is the development of Christian character in its members, and the prosecution of active Christian work, especially among the young women of the institution. The active membership of the association consists of women connected with the College who are members of the Christian churches. Any woman in the College may become an associate member. The association is affiliated with the international organization. The officers of the association are: Maude McDonald, president; La Verna Krause, vice-president; Leone Oyster, secretary; and Dorothy Bryan, treasurer.

THE JOINT ORATORICAL BOARD

The Joint Oratorical Board is made up of four members of the faculty, a member of the board of trustees, the editors-in-chief and business managers of the *Crimson* and the *College Days*, and the managers of debate and oratory. The organization controls oratory, debate, dramatics, the *College Days*, and the *Crimson*. The Board holds membership in the Wisconsin Intercollegiate Oratorical Association, the Interstate Oratorical Association, the Wisconsin Peace Association, the Interstate Peace Association, the Wisconsin Prohibition League and the Interstate Prohibition League. The Board also holds membership in several debating leagues, including the following colleges: Carroll, Northwestern, Lawrence and Milton.

RIPON COLLEGE GLEE CLUB

Nothing appeals to the College man more strongly than the good times of musical club trips, and Ripon men are no exception to this rule. To make the Glee Club and thus have the privilege of joining in the jolly trips to the Wisconsin cities and towns is the fond hope of many an undergraduate. Those who have been fortunate enough to be among the thirty-odd men each year who have made up Ripon's Glee Club are unanimous in their verdict that some of the happiest occasions of their college life have come through these organizations. They serve a real purpose, musical and social, in the campus community today, and in the memory of the graduate are surely "a joy forever."

The Ripon College Glee Club had a successful season last year. This year, as for several years past, the Club will be under the direction of Professor Elizabeth Battle Bintliff, Director of the School of Music. Professor August F. Fehlandt is Business Manager. Beginning about two weeks before Thanksgiving and continuing until the Easter vacation, rehearsals for the Glee Club are held on Tuesdays and Thursdays at 4:15 and on Saturdays at 1:15.

THE WOMEN'S GLEE CLUB

The Women's Glee Club was organized in 1917, by Mrs. Estella Hall Reade of the Ripon School of Music. Some years previous a similar organization had flourished under the name of The Cicilian Club. Such an organization affords the best opportunity for the women of the College to express their musical talents. The young women who make up the membership of the Club meet regularly for practice under the able direction of Mrs. Reade and give several concerts during the year. The Women's Glee Club is quite as popular among the women of the College as the Men's Glee Club is among the men. The officers of the club are: Eunice Pynch, president; Juanita Davies, treasurer; and Maude McDonald, secretary.

CHURCH CHOIR

An excellent choir is also maintained for the purpose of supplying music for the services of the First Congregational Church. This gives a splendid opportunity to students to become acquainted with the best music suitable for a church service.

RIPON COLLEGE BAND

The men who cannot sing do not find that their musical talents are altogether slighted at Ripon. Many who cannot sing can play musical instruments, and the college band of some twenty-five men sends out a continual call for more such talent. This band is conducted by Mr. Edgar H. Zobel, through whose untiring efforts the present high standard in this line of work has been attained. The band has become one of the most prominent and popular of the musical organizations at Ripon. All students who play band instruments are eligible for membership, a reasonable degree of proficiency being the only requirement. The band performs lustily at athletic games in Ingalls Field, and at basketball games in the Indoor Athletic Field, and turns out at all rallies and mass meetings to play once more with true inspiration the favorite "Alma Mater." The band also gives a classical concert in the spring which is greatly appreciated by lovers of music.

ORCHESTRA

The Edgar Zobel Concert Orchestra is another of the leading musical features of Ripon College. The orchestra was organized and is conducted by Mr. Edgar H. Zobel, a graduate of Ripon College in the class of 1907. The orchestra has, during the five years since its organization, developed into one of the very finest of amateur organizations, playing with a finish and unity seldom equalled outside of professional ranks. Doing solely concert work and confining itself to the playing of only the better class of music, this orchestra affords excellent opportunity for all those qualified and interested in orchestral work. In 1916 the orchestra made its initial appearance on the local Lyceum and Lecture Course, scoring the hit of the season. The orchestra usually has about thirty members. New members are admitted each year. The organization affords a means of valuable training and of pleasant recreation.

PI KAPPA DELTA

Pi Kappa Delta is a national honorary forensic society, which had its origin at Ripon College. In order to become a member of this organization the student must have taken part in an intercollegiate oratorical contest or in an intercollegiate debate. The members of the Ripon chapter who are now in college are: Rufus Runzheimer, president; Paul Rodewald, vice-president; Harold Haun, secretary and treasurer; Clarence Rinehard, Bruno Jacob and Professor Henry P. Boody.

THE MASK AND WIG

This is an organization for the study and presentation of the drama. Two plays are presented in the City Auditorium each year, one just before the Easter recess and the other at Commencement. Membership in the Mask and Wig is limited to those students who appear in a public presentation of a play. The officers of the club are: Emma Kate Armstrong, president; Ethyl Williams, Vice-President; Herbert F. Bagemihl, business manager; Maude McDonald, secretary. The plays thus far presented by the Mask and Wig are: *A Scrap of Paper*, by Victorien Sardou; *Mice and Men*, by Madeleine Riley; *The Neighbors*, by Zona Gale; *Mercedes*, by Thomas Bailey Aldrich, and *A Mid-Summer Night's Dream*, by Shakespeare.

THE LATIN CLUB

The Latin Club is composed of the members of the Department of Classics with the exception of the members of the class in beginning Latin. The meetings of the club are held twice a month on Thursday evenings. The programs are made up of papers and discussions relating to Roman life and customs. Latin plays and short plays in English dealing with classic themes are occasionally given. The officers of the club are: Emma Kate Armstrong, president; Paul Rodewald, secretary and treasurer; Mildred McConnell, chairman of the program committee.

Ripon College is also a member of the Latin League of Wisconsin. In 1915 and again in 1916 Ripon won the silver cup which is awarded annually to the college in the league which gains the highest average in a competitive examination. The competing colleges in this league are the following: Beloit, Carroll, Lawrence, Milton, Milwaukee-Downer and Ripon. Not only did Ripon receive the cup in 1916 for the second time in succession but also won the first prize in this contest. The prize amounts to two hundred dollars. It was won by Miss Cora Smith of the class of 1916. In 1918 the first prize was again won by Paul Rodewald of the class of 1921. This is undoubtedly the highest honor that can come to a student of the classics in any of the Wisconsin colleges.

THE HISTORY CLUB

One of the newest of the popular college organizations is the History Club. It was founded in the fall of 1917 by the members of the history department. The interest in international problems growing out of the great world war soon proved so general that

the privilege of membership in the club was opened to all the students of the College. A large number of men and women availed themselves of this opportunity to increase their knowledge of current history. At the meetings, which are held every two weeks during the college year, carefully prepared papers on questions of international relations are read. Then a general discussion of the subject follows in which each member of the club has a chance to express his views. These programs have enabled the students to get a clearer insight into the causes of the great war and to better understand the trend of world politics. The first open meeting of the club was held in the College Chapel on the evening of April 22, 1918. At this meeting Professor William E. Dodd, of the department of history in the University of Chicago, delivered an address on the subject, "The War and Democracy." The officers of the club are: Edwin Webster, president; Amanda Severson, vice-president; and Marjorie Jones, secretary and treasurer.

CERCLE FRANCAIS

The Cercle Francais was organized for those desiring more practice in speaking French than is possible in the classroom. It is one of the pleasantest clubs at Ripon. While promoting good fellowship among its members it also acquaints them with French songs, dances, playlets, games and conversation. The officers of the club are: Marguerite Treille, president; Mildred McConnell, vice-president; Margaret Maxwell, Secretary; and Gladys Silver, treasurer.

THE LEAGUE

This is an organization of the young women who live outside the college dormitories. Like the organizations within Bartlett and Harwood Halls, it is intended for unifying the varied yet common interests of its members. A rest room on the third floor of Ingram Hall has been furnished for them, where it is possible to hold meetings, or to spend a study hour between classes. Miss Josephine Hargrave, of the College faculty, is adviser of the League.

College Publications

THE BULLETIN

The Ripon College Bulletin is published monthly. The April issue is the regular catalogue number. The May issue is usually an illustrated booklet of information concerning the College and its various activities. It is designed especially to furnish prospective students the necessary data for deciding whether they wish to undertake a course of study at Ripon College. The other bulletins published throughout the year aim to keep the alumni and friends of Ripon informed concerning her life, her aims and her growth.

COLLEGE DAYS

College Days is a weekly publication. It is issued by a board of editors appointed by the Joint Committee on Publications. It is now in its forty-ninth year. It aims to record the various phases of campus life. To this end, it occasionally publishes articles by professors and students, either the records of personal experiences or the results of special investigation. It has aimed to keep in touch with sister colleges, has noted the goings and comings of alumni, and has endeavored to record, in lighter vein, the pleasures and pastimes of the students. The College Days is the oldest college newspaper in Wisconsin.

THE CRIMSON

The Crimson is the College Annual, published by the students of Ripon College. The Editor-in-Chief and the Business Managers are appointed by the Joint Committee on Publications. It is a book of college life, dealing, among other things, with the faculty, class and student organizations, social life and athletics. It endeavors to record events which in after years will cause the student to re-live some of his former experiences; incidents which in years to come will freshen in his memory the scenes and faces of his college days.

Student Expenses

The charge to the student is but a small part of the cost to the College. The balance of the cost is met by the income of the endowment fund, and by gifts from trustees and other friends of the College.

The five dollars paid on the incidental fee will not be refunded under any circumstances. If a student leaves college for good reasons before the middle of a quarter, one third his college bills will be refunded. No refund will be made to a student who remains in attendance more than half a quarter.

Room rent and laboratory fees cannot be refunded to students who leave dormitories or laboratory classes during the quarter.

All indebtedness to the College must be paid or satisfactorily arranged before a diploma or certificates of standings will be given.

The total cost for the student varies. The minimum expense will be within reach of students of limited resources, while others may easily make provision for themselves in accordance with their means.

FEES, TUITION AND DEPOSITS

A Matriculation fee, payable but once, on entrance. . . .	\$ 5.00
Tuition, per quarter.	6.75
Incidental Fee, per quarter.	18.50
Damage Deposit in all Dormitories, per quarter.	3.00
Extra Registration (in excess of sixteen hours) per hour.	1.75
Diploma Fee.	5.00
Senior Fee.	2.00
Laboratory Fees, payable in advance, per quarter—	
Archaeology.	1.00
Bacteriology.	5.00
Botany.	2.75
Chemistry, four and five-hour courses.	4.00
Chemistry Breakage Deposit.	2.00
Embryology.	5.00
Histology.	3.50
Physics Laboratory, per unit hour.	1.00
Physiology.	3.00
Surveying.	2.00
Zoology.	2.75

DORMITORY ACCOMMODATIONS

Bartlett Hall, The Mary C. Harwood Hall and Parkhurst Hall are dormitories for women. The homes are equipped with all modern conveniences and are among the most attractive college dormitories for women that can be found. The rooms are lighted with electricity, heated by steam, and provided with single beds, mattresses, chiffoniers and desks. Each of these dormitories contains a large and beautifully furnished reception room.

Smith Hall, West Hall and Duffie Hall are dormitories for men. These halls are well equipped in every particular. Some of the suites are arranged for two students, and consist of a central study with a bed-room and wardrobe on either side. Others are arranged for one student, and consist of a single study, bed-room and wardrobe. Each hall also contains a large, pleasantly situated and attractively furnished reception room. Besides these three dormitories Dawes Cottage accommodates a limited number of men.

Students are permitted to take lodgings in town, but the places in which they room are in all cases subject to the approval of the Faculty.

No rooms are reserved except on payment of \$5.00, which will be applied on room rent. This fee will not be refunded after August 15th.

Applications for rooms by students in residence should be made in writing, on forms furnished by the College office for this purpose, between May 20-27.

Rooms, when taken, are engaged for the year. Students who wish to change must first make provision for a new occupant.

Dormitory rooms are furnished with all necessary heavy furnishings. Students will bring their own bedding, pillows, rug for the floor, if desired, and such ornaments as they desire for their rooms. All buildings are heated with steam, furnished with hot and cold water and electricity. Price of room rent does not include cost of light in the rooms.

COLLEGE ROOMS

Smith Hall, Dormitory for men, with steam heat, hot and cold water, furnished rooms, two men in a room excepting as otherwise stated:

Room number 103, single, per quarter \$12.00

Rooms number 101, 102, 105, 106, 201, 203, 205, 301, 305, two room suites, per quarter . .	15.00
Rooms number 202, 206, 302, 303, 306, three room suites, per quarter	17.50
Rooms number 100, 107, 108, 202, 207, 208, 300, 307, 308, corner and three room suites, per quarter	20.00
West Hall , Dormitory for men, with steam heat, hot and cold water furnished, rooms, two men in a room:	
Rooms number 205, 207, 209, 302, 303, 304, 305, 307, 308, 309, per quarter	15.00
Rooms number 211, 300, 301, 310, 311, per quarter	17.50
Duffie Hall , Dormitory for men, with steam heat, hot and cold water, furnished rooms, two men in room, per quarter	20.00
Dawes Cottage , Dormitory for men, with steam heat, hot and cold water, furnished rooms, two men in a room, per quarter	12.00
Bartlett Hall , Dormitory for women, with steam heat, hot and cold water, furnished rooms, two women in a room excepting as otherwise stated:	
Room number 100, single	20.00
Rooms number 105, 107, 204, 205, 206, 207, per quarter	20.00
Rooms number 103, 202, 203, 300, 301, 304, 305, 306, 307, per quarter	18.00
Rooms number 101, 302, 303, per quarter	17.00
Room number 200, per quarter	15.00
The Mary C. Harwood Hall , Dormitory for women, with steam heat, hot and cold water, furnished rooms, per quarter	20.00
Parkhurst Hall , Dormitory for women, with steam heat, hot and cold water, furnished rooms, per quarter	20.00

BOARD

Board is furnished at the College Commons in the West Building at the rate of \$4.50 per week, subject to change as

prices of foodstuffs necessitate. Of this sum \$1.00 per week for overhead or fixed expenses of the Commons is charged to each student rooming in any of the college dormitories and \$3.50 per week in addition is charged to each student actually boarding at the Commons, or registered to board there. Refunds at the rate of fifty cents for each whole day's absence are made.

All young women students who do not live at home in the city are required to board at the College Commons unless excused on written request of parents.

Charges as enumerated above, \$1.00 per week for overhead expenses, and \$3.50 per week for board, are payable at the College office in advance for the whole quarter, although when specially desired, payments may be permitted as follows: one-half of the total amount at the beginning of the quarter and one-half on the 1st of December. For the second quarter one-half may be paid at the opening of that quarter and one-half on the 1st of March. For the third quarter, one-half may be paid at the opening of that quarter and one-half on the 15th of May.

Student boarders will not be accommodated before Monday, September 29, 1919. Students desiring to entertain guests after the opening days of the semester must obtain permission from the representative of the board, Mrs. Nellie Merwin, that record may be made. Guests are charged at the rate of thirty-five cents for single meals.

The dining hall is under the management of the College. It is directed by competent College officials, and is conducted without the idea of profit and for the purpose of providing good wholesome food at the lowest possible cost. The dining hall is commodious, neat and attractive, and the service is good. A true spirit of democracy is fostered by the College Commons, where students gather for the common meal. Here, as in the dormitory life of the college, the feeling of fellowship is developed, valuable acquaintances are made, and friendships that often last through life.

STUDENT AID

Faithful, worthy students, who are willing to work, need not abandon their course of study for lack of money. Each year a number of students make a large proportion of their expenses by means of outside work. There are opportunities for work in the dining hall, on the campus and in the buildings. In addition to this, many positions in the city are available for students who are willing to do good work. Students desiring employment should file their applications in writing with the Dean.

SPECIAL FUNDS

The College has available several funds for use as indicated below. Anyone desiring to be a candidate for the benefits of any of these funds should write to the Dean for blanks with which to make application therefor. These applications will be considered carefully and the benefits will be distributed where they appear to accomplish the greatest good.

RUFUS DODGE FUND. The late Rufus Dodge, of Beaver Dam, left the College a legacy of \$9,000 as a permanent fund to aid young women of limited means in getting an education. The interest of this fund is available each year for distribution among such students for this purpose, according to their need.

PHILO SHERMAN BENNETT SCHOLARSHIP LOAN FUND. Mr. Philo S. Bennett, of New Haven, Connecticut, left \$10,000 in his will to Wm. J. Bryan, as trustee, to divide among several colleges, in his discretion, as a fund to help worthy young men. \$500 of this fund was given in June, 1905, to Ripon College, the conditions being that the same be invested as a perpetual fund, the income only to be loaned to worthy young men in need, who shall be honor bound to return the loan; and when so repaid, it shall be re-loaned in the same manner.

The principal fund is known as the Philo Sherman Bennett Fund. The income from this fund, the amount which is available for student use, is called the William Jennings Bryan, Trustee, Fund.

SUMMER T. BARTLETT SCHOLARSHIP FUND. The sum of \$1,000 was given by Mrs. Lucy Bartlett, of Oshkosh, Wisconsin, for a permanent scholarship. The condition of the scholarship is that one student at a time, forever, shall be admitted to Ripon College free of tuition, such student to be designated by the college faculty, and to be one studying for the gospel ministry or for special missionary work.

REV. E. W. COOK SCHOLARSHIP FUND. The sum of \$500 was given by the Rev. E. W. Cook, of Ripon, for the purchase of a scholarship. Free tuition is to be granted to one student at a time from the income of this fund, in perpetuity.

O. W. VAN VECHTIN STUDENT LOAN FUND. This was the gift of O. W. Van Vechtin, who presented to the President \$100 as a loan fund, to be under the control of the President, and to be loaned to worthy students, and to draw no interest while the borrowers are in college, but from date of leaving

college to draw interest at the legal rate. The interest accruing may be added to the fund or given to students, at the President's discretion.

DAVID WHITCOMB SCHOLARSHIP FUND. \$1,000 was given by David Whitcomb, of Worcester, Massachusetts, for the purchase of a permanent scholarship, the income of which fund is to be used annually to aid needy and worthy students. By resolution of the Board of Trustees, June 20, 1885, the income is appropriated to payment of necessary term bills of young men who shall be nominated by the faculty for such credit, the sons of missionaries and ministers to be preferred, and the amount of appropriation to each pupil to be determined by the faculty.

ALUMNI ASSOCIATION, 1868, M. W. PINKERTON MEMORIAL FUND. This fund was collected by the Alumni Association as a memorial to M. W. Pinkerton, of the class of 1868. Mr. Pinkerton gave his life to the cause of Missions in connection with the work of the American Board in Africa.

At the annual meeting of the Association in June, 1910, by a formal vote, the fund was turned over to the College, to be used according to the general intent of the givers, but without further responsibility to the Association.

CLASS OF 1898 HARRY D. CLARK MEMORIAL FUND. This is a fund credited to the class of 1898, as a memorial to their deceased classmate Harry D. Clark. The interest is to be used for the purchase of books for the library.

CLASS OF 1901 OWEN C. ROWLANDS MEMORIAL ART FUND. The class of 1901 has provided a special fund, the interest of which is to be used for art decorations. It is a memorial to Owen C. Rowlands, a former member of the class, now deceased.

PRIZES AND HONORS

MRS. JOHN JAMES ENGLISH PRIZE FUND. From the interest of a fund of \$1,500 given by Mrs. John James, of Boston, for the encouragement of English Composition in the College, the following prizes are offered for this year.

FRESHMAN COMPOSITION. For general ability in composition, as indicated partly by the class record in English C1, and partly by a final test, the following prizes are offered: first prize, \$15.00; second prize, \$10.00.

ORATORY. For the best orations presented at the time of the Home Oratorical Contest, the following prizes are offered: first prize, \$15.00; second prize, \$10.00. The award is to be made wholly upon the basis of thought and composition.

DEBATE. For excellence in debate, judged wholly from the standpoint of thought and composition, two prizes are offered: first prize, \$15.00; second prize, \$10.00.

J. T. LEWIS PRIZE FUND. This was established by Hon. J. T. Lewis, of Columbus. The annual income of a fund of \$200 will be awarded to the student who prepares the best set of notes and drawings on the biological work of the freshman year. It will not be granted for inferior work.

CLASS OF 1896 MEMORIAL PRIZE FUND. The income, about \$20.00, of the Memorial Prize Fund of the class of 1896, will be awarded to the successful contestant in a declamatory contest between members of the junior class each year.

PRIZE SCHOLARSHIP. To encourage students of special promise in graduate study, a friend of the College offers, as a prize, one year's tuition in the graduate school of either the University of Chicago or the University of Wisconsin. This prize is open to students of History, Economics, Law, Language and Literature, Philosophy, or Education. The award is made by the faculty to the member of the senior class who shows the greatest proficiency in the studies of the undergraduate course and the best preparation for graduate study.

DEPARTMENT FELLOWSHIPS. The head of each department has the privilege of recommending, for ratification by a vote of the faculty, one advanced student of high standing as Fellow in the department.

THE RHODES SCHOLARSHIPS. In order to keep this well-known bequest before the minds of present or prospective students, it is briefly mentioned here. Circulars of full information can be obtained at the registrar's office. Any male student, who is a citizen of the United States and unmarried, not less than nineteen nor more than twenty-four years of age, and who has reached the end of his sophomore year of study, may be a candidate for one of the Wisconsin scholarships. This insures to the winning contestants among the schools of the State a three-year residence in Oxford University, England.

All competitors must be prepared to take an examination in the following subjects: Arithmetic, the elements of Alge-

bra or the elements of Geometry, Greek and Latin Grammar, translation from English into Latin, one Greek and one Latin book from authors such as Caesar, Cicero, Livy, Horace, Virgil, Homer, Xenophon, Plato, Sophocles, Euripides, and Demosthenes.

UNIVERSITY FELLOWSHIP. The University of Wisconsin, through its President, has extended to Ripon College an invitation to appoint one of its graduates each year to a Fellowship in the University. The value of this Fellowship is \$225 a year.

Gifts

All departments of Ripon College are under the care of the same Board of Trustees and all gifts and bequests should be made to "The Board of Trustees of Ripon College." When bequests are designated for the uses of a particular department, or for any other special purpose, they are limited to such purposes. But the experience of colleges shows that it is desirable to have the specific use of the income and endowments left as far as possible to be determined by the Trustees as the needs of the growing work may demand. The work of Ripon College has greatly outgrown the present equipment, and there is pressing need of additional endowments, scholarships, and buildings.

The endowment of Ripon College has passed the half million mark which is regarded by standardization boards as the minimum for an institution which is to be a permanent factor in the educational world. If the institution is to grow in usefulness and to develop a larger service to the community, and to work along the lines in which it has so splendidly achieved during the past seventy years, this amount should be more than doubled. Our nation has learned to think in terms of millions. When those millions were being spent for war and destruction, how much more we ought to think in millions when we are planning for the training of educated leaders whose character and personality are to guide in shaping the civilization of the future. There are very few places in which money will accomplish more good than in the work of Christian education. Sometimes such money for the support of colleges comes in the form of a few large gifts from those who have been blessed with large resources. Sometimes it comes in a multitude of lesser gifts, even as billions of dollars were raised during the war by the many small gifts of those who gave, each according to his ability.

REASONS FOR AIDING RIPON COLLEGE

1. For many years this institution has occupied a position of educational leadership. It is one of the seventy-three colleges and universities on the accepted list of the Carnegie Foundation for the advancement of teaching. It is one of the institutions approved by the General Education Board. It is fully accredited by the North Central Association of Colleges and Secondary Schools, and is one of the members of the Association of American Colleges.

2. To a large number of young men and young women Ripon affords the most reasonable hope of securing a college education. Both the necessary and the incidental expenses are lower than at most colleges. The total expense to a student may be kept below three hundred dollars a year.

3. The College stands for the highest ideals of American democracy. It has no fraternities or sororities with their tendencies to extravagance and snobbishness. It is also a non-hazing institution.

4. Ripon is a college of about 300 students. Here each individual has opportunities in athletics, forensics, journalism, musical organizations and social affairs that cannot be duplicated in larger institutions. These conditions make for an all-round education, and prepare the student for leadership in later life.

5. The class-room work is conducted in small groups — never more than twenty-five at a time. This enables the teacher to become intimately acquainted with each individual, and to develop the student rapidly and along the lines of the greatest need.

6. For the young man who desires to prepare for engineering, law, medicine, agriculture, or teaching, Ripon offers pre-professional courses of exceptional strength, granting credits that may be transferred at any time to professional and technical schools of the highest rank.

7. Among the graduates of Ripon College are a large number who are engaged in scientific work, especially in government positions.

8. In the number and quality of her graduate educators, Ripon is unsurpassed by any college of the Middle-West.

9. Ripon is, by her history and traditions, a Christain college in the broadest sense of the term, and every dollar given to her work strengthens the forces that are shaping our country's civilization.

10. Ripon has been successful in developing character among her students as well as efficient and practical scholarship.

11. She believes that a college training must include more than a study of books and that the ideal college is the one in which training is given not only in scholarship, but in all the cultural interests that make broad, noble, and influential personality.

12. Among the graduates of Ripon are notable alumni who have won distinction in all walks of life and have been recognized as the type of broad-minded, large-hearted, constructive leaders that the world always needs.

13. Ripon has grown very rapidly during the past ten years both in material equipment and in student enrollment.

14. Her location is favorable to increased usefulness.

15. Ripon is non-sectarian.

16. Ripon is co-educational.

17. She has an endowment of \$500,000, which amount has been accepted by the Association of American Colleges as the minimum endowment for the efficient college; but the growing demands of the day make it extremely advisable that this amount be increased materially and without delay.

FORM OF BEQUEST

I hereby give and bequeath to the Board of Trustees of Ripon College the sum of _____ Dollars.

FORM OF ANNUITY BOND

Whereas, _____ of _____ state of _____, has this day donated and delivered to the BOARD OF TRUSTEES OF RIPON COLLEGE, an educational corporation organized and existing under the laws of Wisconsin, the sum of _____ Dollars, the receipt whereof is hereby acknowledged, subject to the terms and conditions hereinafter set forth;

NOW, THEREFORE, the BOARD OF TRUSTEES OF RIPON COLLEGE, in consideration of the said gift, hereby agrees to pay to the said _____ during _____ natural life, an annuity of _____ Dollars, in semi-annual payments of _____ Dollars, each, commencing on the _____ day of _____ A.D. One Thousand Nine Hundred and _____, if said annuitant be then living, and terminating with the last payment preceding the death of said annuitant; and the said sum donated by said _____ as aforesaid, is to be considered as an executed gift to the said Board of Trustees of Ripon College, and to belong to the said corporation from this date, without any account thereof or liability therefor.

In Witness Whereof, the Board of Trustees of Ripon College has caused these presents to be signed by its President and countersigned by its Secretary, and its corporate seal to be affixed hereto, at Ripon, Wisconsin, this _____ day of _____ A. D. 19 _____

BOARD OF TRUSTEES OF RIPON COLLEGE

By _____ President

Countersigned _____ Secretary

The College Administration

THE COLLEGE YEAR

The college year consists of three terms called quarters. For the coming year the first quarter will begin on Monday, September 29, 1919. Monday and Tuesday, September 29 and 30, will be registration days. Lectures and recitations will begin on Wednesday, October 1, 1919. Thanksgiving Day, November 27, 1919, will be a college holiday. The Christmas vacation for 1919 will begin on Saturday, December 20, at 11:00 a. m. and end at 8:00 a. m. on Tuesday, January 6, 1920.

The second quarter will begin on Tuesday, January 6, 1920, at 8:00 a. m. A number of courses, complete in themselves, will be started with the beginning of the second quarter. Students who enter college at that time will be able to avail themselves of such courses. Many students who finish high school in the middle of the year will find it decidedly to their advantage to enter college at the beginning of the second quarter, thus being able to finish the college course considerably earlier than they would otherwise be able to do. The second quarter ends on Saturday, March 27, at 11:00 a. m.

The third quarter will begin on Monday, March 29, at 8:20 a. m. The Easter recess for 1920 will begin on Wednesday, March 31, at 11:00 a. m., and will end at 8:20 a. m. on Tuesday, April 6. Commencement will be June 13-17, 1920.

GOVERNMENT

The College has few rules governing the conduct of students. In general it is expected that they will conduct themselves in an orderly way, with due regard for the rights of others, and in such manner as will conduce to best work in College.

Students are forbidden to smoke on the campus or athletic field and are not expected to smoke on the streets. Visiting saloons or gambling in any form are considered sufficient causes for dismissal from College.

Whenever a student has been called to the Dean's office on a serious case of discipline, his parent is notified by a letter from the President of the College. The student is then expected to explain to his parent the occasion of the discipline.

In such cases the College office will, upon request, furnish the parent with details in regard to the student's conduct.

In case of matters of general order or common interest, the students are represented by a Student Committee, which meets with the college officers of discipline. This Committee consists of seven students, who are selected by the faculty from the whole student body.

The policy of the College toward student activities is to put each under a Joint Committee, consisting of representatives from the Board of Trustees, the faculty, and the students. This Committee has general oversight of the finances and policy of the activity which it represents. All details, however, are managed by the student officers. This method is employed in the control of Forensics, Athletics, and Musical Organizations.

Students occupying dormitories, and other student organizations occupying permanent quarters for social or living purposes are required to adopt house rules. Such organizations shall also appoint a house committee consisting of at least three members, whose duty it shall be to enforce the observance of the house rules, and who shall be primarily responsible individually and collectively, for the observance of Faculty rules by the organization or body which they represent. This committee also constitutes the regular channel of communication between the organization and the faculty advisor of the organization appointed by the administrative officers of the College.

Students are not allowed to have firearms in any of the College buildings except on written permission of the Chief of Police of the City of Ripon.

A NON-FRATERNITY COLLEGE

In the college life at Ripon emphasis has always been placed with clear discrimination, upon individual character and upon democracy in the social relations. It is an unwritten law of Median unchangeableness that at Ripon every man is good enough to associate on equal terms with every other man. It must never be forgotten that neither wealth nor social position, but ability and character, are the standards by which our students are judged. The same principle rules to discountenance every tendency to set a higher scale of personal expenditure than is possible for the average undergraduate. As a safeguard against undemocratic tendencies the trustees of Ripon, early in its history, ruled against the establishment of fraternities among

the students and against any imitations of the practices of fraternities. It is believed that this is the only policy that will insure for the future that wholesome and unique spirit of democracy which has thus far been manifest at Ripon College.

CLASSIFICATION OF STUDENTS

For participation in class contests, for chapel seating and for administration purposes in general, classification is determined at the beginning of the college year, according to the following plan: A student having secured at least twenty-seven hour-credits and thirty-six honor-credits will be classified as a Sophomore; eighty-one hour-credits and eighty-one honor-credits will be classified as a Junior; and one hundred and thirty-two hour-credits and one hundred and thirty-two honor-credits will be classified as a Senior.

CLASS RECORDS

EXAMINATIONS are held at the end of each quarter, or at intervals during the quarter in all courses. At the end of each quarter the marks are handed in, and the record for that quarter is closed. Reports of standings are sent to the student's parent or guardian at the close of each quarter.

CLASS STANDING

The following table shows the college scale of marks:

93-100.....	A
85-92.....	B
77-84.....	C
70-76.....	D
60-69.....	X
Below 60.....	Z
Incomplete Courses.....	I

A, B, C, and D are "passing" marks. Z indicates a failure, X a condition, and I a course that has not been completed. No student is allowed to drop a course without the consent of the instructor on the proper blank received from the registrar. All courses dropped without this observance are reported by the instructor and recorded as failures. If for any reason a course is dropped after six weeks it is counted as a failure. If a student fails in a course, credit can be secured only by repeating the course in class. If a student is conditioned in a course, the condition must be removed by examination taken on the day ap-

pointed for this purpose. The date for removing conditions of the first quarter is the third Wednesday in January, for removing conditions of the second quarter, the third Wednesday in April and for removing those of the third quarter, the first Wednesday in October. A general average of C in all subjects is required for graduation.

ABSENCE FROM CLASS OR CHAPEL

REGULAR ATTENDANCE is expected on all class and laboratory exercises and on Chapel and Vesper services. If the absences in a given course exceed by one the number of quarter credits in that course, the student is immediately dropped from that class, and can return only after being reinstated by the Dean of the College, with the concurrence of the Professor in charge. After the second absence, beyond the number allowed, no student will be reinstated, either by the Dean or by the instructor, without a special vote of the Faculty. No consideration will be given by the Faculty to the question of reinstatement without a written explanation from the student, covering all absences.

If at any time a student is absent, he must satisfy his instructors that such absence is for good and sufficient cause. No credit will be given to any student regularly enrolled who is absent, either with or without excuse, from more than 25 per cent of the exercises of a given class in any quarter.

Chapel absences to the number of fifteen are permitted during a semester, a Vesper service counting as four chapel services. For each absence in addition to the fifteen, two honor credits will be deducted from the student's honor credits for the quarter.

A student who is absent from the last recitation period preceding the Christmas or Easter vacation, or from the first recitation following such vacations, will not be allowed to take the regular final examination in the subject missed, but may take it when the next regular examination in the subject is given.

DISHONESTY IN COLLEGE WORK

Ripon College expects every student to hold to the strictest standards of honesty in all college work. Any student who presents as his own work which he has not performed, or who gives aid to a fellow student, whether in quarter examinations, oral or written quizzes, laboratory exercises, or re-

ports, or any form of college work, renders himself liable to suffer loss of all credit in the work concerned, and to be suspended from the College.

REGULATIONS GOVERNING ELIGIBILITY

These regulations apply to students taking part in dramatic performances, public debates and oratorical exhibitions, to members of the editorial and business staffs of the College publications, and all officers of student organizations.

1. The student must be regularly enrolled in the College.
2. The candidate must have no conditions and no failures and a weighted average of at least "C" for the previous semester. Students with "incompletes" are required to secure the consent of the Dean of the College.
3. Students under discipline are ineligible.
4. A student who is reported to the Dean as not passing in twelve hours' work is ineligible until his instructors report him above C in at least twelve hours' work.
5. No dismissed or suspended student may represent the College in any public event.

REQUIREMENTS FOR DEGREES

BACHELOR OF ARTS. The degree of Bachelor of Arts is conferred by the Board of Trustees, after recommendation by the Faculty, upon those candidates who have completed the collegiate requirements. These are as follows: A total credit of one hundred and eighty semester hours in the college courses; at least 186 honor credits, or an average mark in all subjects of C or higher; an acceptable thesis upon some theme related to the major subject of his course, or, as a substitute for the thesis, an advanced course of four hours during the senior year. The time required for the fulfillment of these conditions is usually four years.

BACHELOR OF PHILOSOPHY. The College will confer the degree of Bachelor of Philosophy on all students who have completed the courses prescribed for this degree. It differs from the degree of Bachelor of Arts only in that no foreign language is required either for entrance or graduation. The total number of credits and the rules for major study and thesis are the same as in the course for Bachelor of Arts degree.

MASTER OF ARTS. The degree of Master of Arts may be conferred upon any graduate of Ripon College, or of any col-

lege offering substantially equivalent courses, who shall have completed an approved course of non-professional study equivalent to an additional year, or forty-five hours of advanced college work.

This work may be done during one year in residence at Ripon College, or, in case of graduates of this college, during two years of work *in absentia*. There are, however, only certain departments of the college in which advanced work leading to a Master's degree is offered. Credits for residence graduate work from a university or graduate school to the amount of twenty-seven hours, or a half year, will be accepted.

The candidate for the Master's degree must register for the courses to be taken at the time of regular college registration, and with the approval of that member of the faculty with whom his major work is to be taken. He must also, on the completion of his work, present an acceptable thesis, the work for which may be counted as six hours of the required forty-five hours.

The fees for work leading to the Master's degree, when done in residence and with regularly scheduled classes, shall be the same as for undergraduate students, including tuition and incidentals. The fees for courses taken *in absentia* shall be: a registration fee of three dollars for each course; and an instructor's fee of one dollar and seventy-five cents for each hour in the course taken. The latter fee, however, shall in no case be less than five dollars. A four-hour course, therefore, taken *in absentia*, would cost the student ten dollars. These fees are payable at the time of registration.

Applications for the degree of Master of Arts should be made to the Registrar of the College.

Requirements for Admission to College

APPLICATION FOR ADMISSION

If a student wishes to enter Ripon College by certificate, he should obtain a blank certificate which is to be filled and returned to the College by the principal of his preparatory school. All candidates must offer satisfactory testimonials of good moral character; and those who have been members of other colleges must present certificates of honorable dismissal.

REGISTRATION

Monday and Tuesday, September 29 and 30, are registration days for the first quarter. The registration office is open from nine till twelve and from one-thirty till five. All students are expected to register on one of these days. For registration after the date set for any quarter, or for change of registration, a fee of one dollar is charged. After two weeks of a quarter have passed, no change in registration can be made without the consent of the Registrar and the instructor under whom the course is given, and a study which is dropped without such consent is recorded as a failure.

No credit is given for any work not regularly registered in advance. Application for advanced credit for work taken before entering the College must be made within one year of the time of entrance.

All entrance conditions must be included in the work of the first year.

A new student goes first to the office of the Dean of the College where he matriculates and receives a card on which is recorded his total entrance credits. This card he then presents to the Registrar, who in person makes out the student's course of study or directs a member of the Curriculum Committee to do so. The registration is not complete until the registration blank, properly signed and approved by the Registrar, has been taken to the Cashier's office and the bill paid. In case it is impossible to pay the registration bill at once arrangements for future payment must be made immediately with the Dean. Upper classmen are required to have their registration forms signed by their major professors.

SCHOLARSHIP REQUIREMENTS

The scholarship requirements for admission to the freshman class are stated in terms of units. To count a unit, a subject must have been pursued for one school year of thirty-six weeks with five recitation periods per week. Candidates are required to present fifteen units of preparatory work as indicated below. Half units are to be counted only when they are in addition to whole units in the same subject or when presented in closely allied branches not usually taught in periods of one year each, such as botany and zoology, or economics and civics. In any subject three recitations a week for one year and a half may be counted as one unit.

Of the fifteen units necessary for admission four are required of all, and eleven are elective. The required units are as follows:

English (two years)	2 units
Mathematics:	
Algebra (one year)	1 unit
Geometry (one year)	1 unit

Two units must be presented from *one* of the following:

One Foreign Language (two years)	2 units
(French, German, Greek, Hebrew, Latin, Norse, or Spanish)	
or Science (two years)	2 units
or History (two years)	2 units

To the six units of work outlined above, nine units must be added from the following list of elective subjects:

English (one or two years)	1 or 2 units
Mathematics (one half to two years)	$\frac{1}{2}$ to 2 units
Greek (one or two years)	1 or 2 units
Latin (one to four years)	1 to 4 units
German (one to four years)	1 to 4 units
French (one to four years)	1 to 4 units
Spanish (one or two years)	1 or 2 units
History (one to four years)	1 to 4 units
Civics (one half or one year)	$\frac{1}{2}$ or 1 unit
Economics (one half year)	$\frac{1}{2}$ unit
Science (one to four years)	1 to 4 units
Agriculture (one to four years)	1 to 4 units
Bookkeeping (one year)	1 unit
Stenography and Typewriting (one year)	1 unit
Commercial Law (one half year)	$\frac{1}{2}$ unit
Commercial Geography (one half year)	$\frac{1}{2}$ unit
Domestic Science (one to four years)	1 to 4 units
Manual Arts (one to four years)	1 to 4 units

CONCERNING FOREIGN LANGUAGE

Students are admitted to the College without foreign language; but it is highly desirable for students who intend to take the A. B. degree upon graduation to present at least two years of some foreign language as an entrance subject. The amount of foreign language required in College for the A. B. degree is lessened by the amount of foreign language the high school pupil presents for entrance. In view of the fact that foreign languages can be pursued most advantageously at an early age, the College strongly recommends that all candidates for the A. B. degree secure as large an amount of foreign language as possible in their high school course. Advanced College Credit will be given for foreign language at the rate of six hour-credits for each high school unit in excess of the fifteen units of preparatory work required for entrance. For the degree of Ph. B. no foreign language is required either for entrance or graduation. This does not preclude the possibility of electing one or more foreign languages during the college course leading to the degree of Ph. B.

CONCERNING VOCATIONAL SUBJECTS

Not more than four of the required fifteen units will be accepted in vocational subjects including agriculture, commercial work, domestic science, and manual arts. The four units that are allowed in these subjects may be within any one group or may be made up of such a combination of work from the different groups as shall meet the approval of the College.

DETAILS OF SUBJECTS

The extent of preparation expected in each of the subjects that may be offered for admission is indicated by the following description:

ENGLISH

2 units required. All candidates for admission to the College must present two units in English, which consists of two years' work in composition and in the reading and study of English classics. One half of the time is to be devoted to theme-writing and instruction in the principles of composition, and one half to the careful study of at least ten of the English classics on the list of uniform college entrance requirements in English, or their equivalents.

Preparation in English should have two main objects: (a) command of correct and clear English, spoken and written; (b) power to read with intelligence and appreciation. To secure the first end, training in grammar and in the simpler principles of rhetoric, and the writing of frequent compositions, are essential. The candidate must be able to spell, capitalize and punctuate with accuracy. He must have a practical knowledge of the essentials of English grammar, of the construction of the sentence, and of the simpler principles of paragraph division and structure. To secure the second end, the candidate is required to read ten books from the following list. The student should read the books with a view to understanding and enjoying them, and should acquire a reasonable degree of familiarity with their substance. Two books are to be chosen from each group, with the exception that for any one of the first group one from any other group may be substituted.

The readings are as follows:

GROUP I—Classics in Translation (two to be selected): The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books i, ii, iii, iv, v, xv, xvi, xvii; the *Iliad*, with the omission, if desired, of Books xi, xiii, xiv, xv, xvii, xxi; Virgil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

GROUP II—Shakespeare: *Midsummer-Night's Dream*; *Merchant of Venice*; *As You Like It*; *Twelfth Night*; *The Tempest*; *Romeo and Juliet*; *King John*; *Richard II*; *Richard III*; *Henry V*; *Coriolanus*; *Julius Caesar*; *Macbeth*; *Hamlet* (if not chosen for intensive study).

GROUP III—Prose Fiction: Malory, *Morte d'Arthur* (about 100 pages); Bunyan, *Pilgrim's Progress*, Part I; Swift, *Gulliver's Travels* (voyages to Lilliput and to Brobdingnag); Defoe, *Robinson Crusoe*, Part I; Goldsmith, *Vicar of Wakefield*; Frances Burney (Madame d'Arblay), *Evelina*; Scott's novels, any one; Jane Austen's novels, any one; Maria Edgeworth, *Castle Rackrent* or *The Absentee*; Dickens' novels, any one; Thackeray's novels, any one; George Eliot's novels, any one; Mrs. Gaskell, *Cranford*; Kingsley, *Westward Ho!* or *Hereward the Wake*; Reade, *The Cloister and the Hearth*; Blackmore, *Lorna Doone*; Hughes, *Tom Brown's School Days*; Stevenson, any one; Cooper's novels, any one; Poe, *Selected Tales*; Hawthorne, any one; a collection of short stories by various standard writers.

GROUP IV—Essays, Biography, Etc.: Addison and Steele, *The Sir Roger de Coverley Papers*, or selections from the *Tatler* and *Spectator* (about 200 pages); Boswell, selections from the *Life of Johnson* (about 200 pages); Franklin, *Autobiography*; Irving, selections from the *Sketch Book* (about 200 pages), or *Life of Goldsmith*; Southey, *Life of Nelson*; Lamb, selections from the *Essays of Elia* (about 100 pages); Lockhart, selections from the *Life of Scott* (about 200 pages); Thackeray, lectures on *Swift*, *Addison*, and *Steele* in the *English Humorists*; Macaulay, any one of the following essays: *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederick the Great*, *Madame d'Arblay*; Trevelyan, selections from the *Life of Macaulay* (about

200 pages); Ruskin, *Sesame and Lilies*, or *Selections* (about 150 pages); Dana, *Two Years before the Mast*; Lincoln, *Selections* including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, the Letter to Horace Greeley, together with a brief memoir or estimate of Lincoln; Parkman, *The Oregon Trail*; Thoreau, *Walden*; Lowell, *Selected Essays* (about 150 pages); Holmes, *The Autocrat of the Breakfast Table*; Stevenson, *An Inland Voyage and Travels with a Donkey*; Huxley, *Autobiography* and selections from *Lay Sermons*, including the addresses on "Improving Natural Knowledge," "A Liberal Education," and "A Piece of Chalk"; a collection of *Essays* by Bacon, Lamb, DeQuincey, Hazlitt, Emerson, and later writers; a collection of *Letters* by various standard writers.

GROUP V—Poetry: Palgrave's *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Palgrave's *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study under B); Goldsmith, *The Traveller* and *The Deserted Village*; Pope, *The Rape of the Lock*; a collection of English and Scottish ballads, as for example, "Robin Hood" ballads, "The Battle of Otterburn," "King Estmere," "Young Beichan," "Bewick and Grahame," "Sir Patrick Spens," and a selection from later ballads; Coleridge, *The Ancient Mariner*, *Christabel*, and *Kubla Khan*; Byron, *Childe Harold*, Canto III or Canto IV, and *Prisoner of Chillon*; Scott, *The Lady of the Lake*, or *Marmion*; Macaulay, *The Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, *Ivy*; Tennyson, *The Princess* or *Gareth and Lynette*, *Lancelot and Elaine*, and *Passing of Arthur*; Browning, "Cavalier Tunes", "The Lost Leader," "How They Brought the Good News from Ghent to Aix," "Home Thoughts from Abroad," "Home Thoughts from the Sea," "Incident of the French Camp," "Herve Riel," "Pheidippides," "My Last Duchess," "Up at a Villa—Down in the City," "The Italian in England," "The Patriot," "De Gustibus—" "The Pied Piper," "Instans Tyrannus"; Arnold, *Sohrab and Rustum* and *The Forsaken Merman*; selections from American poetry with special attention to Poe, Lowell, Longfellow, and Whittier.

HISTORY OF ENGLISH AND AMERICAN LITERATURE. 1 unit. Applicants for admission may present one unit in the history of English literature, or in the history of English and American literature, provided that this is in addition to the required units in English. Textbooks may be used for this work, but they should be accompanied by chronological readings from the literature itself. A study of the principles of composition and the application of them in theme-writing must be included in this unit.

ADVANCED STUDY OF THE CLASSICS. 1 unit. In addition to the units of required work in the reading and study of English classics, as outlined above, students may offer one unit representing advanced work in the study of literature corresponding to the fourth year's work of the standard high school. This is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon form and style, the exact meaning of words and phrases, and the

understanding of allusions. The books provided for this study are arranged in four groups, from each of which one selection is to be made. A study of the principles of composition and the application of them in theme-writing must be included in this unit. The following is the list of books from which selection may be made:

GROUP I—Drama. Shakespeare: *Julius Caesar*, *Macbeth*, *Hamlet*.

GROUP II—Poetry. Milton: *L'Allegro*, *Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson: *The Coming of Arthur*, *The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats, and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

GROUP III—Oratory. Burke's *Speech on Conciliation with America*; Macaulay's *Speech on Copyright*; Lincoln's *Speech at Cooper Union*; Washington's *Farewell Address*; Webster's *First Bunker Hill Oration*.

GROUP IV—Essays. Carlyle's *Essay on Burns*, with a selection from Burns' poems; Macaulay's *Life of Johnson*; Emerson's *Essay on Manners*.

MATHEMATICS

2 units required. All candidates for admission to the College are required to present two units in mathematics as follows:

(a) ALGEBRA. 1 unit. The work should include the following subjects: Addition, subtraction, multiplication, division, equations of the first degree with one unknown number, simultaneous equations of the first degree, factors, highest common factor, lowest common multiple, quadratic equations, simultaneous equations above the first degree, elementary theory of indices and radicals.

(b) GEOMETRY. 1 unit. This may be a combination course consisting of about 180 propositions of which 45 must be in solid and spherical geometry. It represents a year's work, or it may be a more extensive and intensive course of a year in plane geometry. This will count one unit.

In addition to the two required units described above, a student may present for entrance any of the following, provided his total credit in mathematics does not exceed 4 units:

(a) An additional half year of algebra. The work should cover the following subjects: Simultaneous quadratic equations; ratio, proportion and variation; graphical representation of simple relations between two variables; binomial theorem for positive integral exponents; logarithms, including use of tables in simple numerical work; first arithmetical and geometrical progressions.

(b) A half year of solid geometry following a year of plane geometry. This will count $\frac{1}{2}$ unit. When one-half year of solid geometry is presented in addition to fifteen other units of high school work required for entrance, three hours of advanced College Credit will be given.

(c) A half year of trigonometry. This will count $\frac{1}{2}$ unit.

FOREIGN LANGUAGES

GREEK. Candidates for admission may offer 1 or 2 units of Greek, as follows:

ELEMENTARY GREEK. 1 unit. This represents a year's work in some good elementary book, such as Goodwin's or White's. The course should afford the student such a knowledge of the fundamentals of the Greek language as will enable him to read the Anabasis with profit. Much attention should be paid to composition.

ANABASIS. 1 unit. In addition to the year's work outlined above the candidate may offer a year's work in Xenophon's Anabasis, accompanied by a study of Greek grammar and composition.

LATIN. 1, 2, 3, or 4 units of Latin may be offered, as follows:

BEGINNER'S LATIN. 1 unit. A year's work in some standard text for beginners, such as D'Ooge's Latin for Beginners. The course should afford the student such thorough drill in the fundamentals of the Latin language as will fit him to read Caesar to advantage. Much attention should be paid to composition, both oral and written.

CAESAR. 1 unit. A second year's work in Latin may be offered. It should consist of the thorough reading of four books of Caesar's Gallic Wars, together with systematic drill in Latin grammar and composition.

CICERO. 1 unit. This is the work of the third year in the standard high school. It includes the careful reading and study of the four Orations against Catiline, the Oration for the Manilian Law, and the Oration for the Poet Archias. Work in Latin grammar should be continued with frequent practice in composition.

VIRGIL and OVID. 1 unit. In addition to the three years' work in Latin as outlined above, the candidate may present a fourth year's work, including the reading and study of six

books of Virgil's *Aeneid*, and selections from Ovid. This fourth year's work should afford much practice in sight reading. The work in Latin grammar and composition should be continued throughout the fourth year.

GERMAN. 1, 2, 3, or 4 units may be offered in German, as follows:

ELEMENTARY GERMAN. 1 unit. This represents the work of the first year in the standard high school, with especial emphasis on the elements of grammar, pronunciation, and simple composition. Reading of easy prose. A working vocabulary for the second year of German should be acquired. The student should be able to take simple dictation. If Bacon's German Grammar, for example, is used the student should master the text as far as "Passive Voice" and should translate in the reader at least 100 pages.

SECOND YEAR GERMAN. 1 unit. This requires the ability to pronounce and to translate at sight simple German prose, to put easy English sentences into German and to carry on a very simple conversation upon the texts set for translation. The elementary grammar work should be completed, and applicants should have read at least 200 pages of easy German, chiefly modern narrative prose, but including some simple poems and one or two short plays. The work should include both oral and aural training; also dictation and memorizing of short passages.

THIRD YEAR GERMAN. 1 unit. For a third unit in German the candidate should have read from 300 to 400 pages of moderately difficult prose and poetry not read in the previous years, with constant practice in oral and written composition based upon the texts read. Work in German grammar should be continued throughout the third year.

FOURTH YEAR GERMAN. 1 unit. In addition to the work outlined above, the candidate may present a fourth year of German. He should have read from 400 to 500 pages of standard literature in prose and verse. He should be able to translate at sight any ordinary German text, to write a brief German essay, or to follow a recitation conducted in German.

FRENCH. 1, 2, 3, or 4 units may be offered in French, as follows:

ELEMENTARY FRENCH. 1 unit. This represents the work of the first year in the standard high school, with especial emphasis

on the elements of grammar, pronunciation, and simple composition. If Fraser and Squair, *Shorter French Course*, for example, is used, the year's work should comprise the first 38 lessons. Reading of easy prose. A working vocabulary for the second year of French should be acquired.

SECOND YEAR FRENCH. 1 unit. The grammar should be completed, giving a thorough foundation for the further study of the language. Composition and simple dictation. Reading of not less than 500 pages of simple French, with much attention to pronunciation and oral work based on the texts read.

THIRD YEAR FRENCH. 1 unit. The third year's work in French should consist in the reading of 600 pages in advance of the first two years, preferably chosen from the nineteenth century authors, with much work in oral and written composition.

FOURTH YEAR FRENCH. 1 unit. The candidate offering a fourth unit should be able to read at sight with considerable ease, write short reports in French, and understand a simple lecture delivered in the language. Familiarity with the outline of French history and literature is essential.

SPANISH. 1 or 2 units may be offered in Spanish, as follows:

ELEMENTARY SPANISH. 1 unit. A year's work offered in Spanish should comprise the completion of some good grammar, simple composition, and the reading of 175 pages of graded prose texts.

SECOND YEAR SPANISH. 1 unit. This should include grammar review by means of some standard composition book, Crawford, or Waxman, *A Trip to South America*; 500 pages of novels and plays of the nineteenth century; much oral work based on texts read. Representative works would be Selgas, *La Mariposa Blanca*; Alarcón, *El Sombrero de Tres Picos*; Valera, *El Comendador Mendoza*; S. and J. Álvarez Quintero, *Doña Clarines*.

HISTORY

A candidate for admission may offer 1, 2, 3, or 4 units in history. The units are counted as follows:

ONE YEAR'S WORK IN ANCIENT HISTORY. 1 unit. The work should include all of some good text, such as West's *Ancient History*, Morey's *Histories of Rome and Greece*, Wolfson's *Essentials in Ancient History*, or Myer's *Ancient History*.

ONE YEAR'S WORK IN MEDIEVAL AND MODERN HISTORY. 1 unit. The work should include all the text in such a book as Bourne's Medieval and Modern History, or Robinson and Beard's Outlines of European History.

ONE YEAR'S WORK IN MEDIEVAL AND ENGLISH HISTORY. 1 unit. The work should include all the text in such books as Munro's Medieval History, and Coman and Kendall's History of England for Schools.

ONE YEAR'S WORK IN ENGLISH HISTORY. 1 unit. In this subject a general knowledge of the social and political development of England is expected of the student. This applies particularly to the centuries subsequent to the Norman conquest and to the movements that culminated in the creation of a British Empire and of a limited monarchy.

ONE YEAR'S WORK IN UNITED STATES HISTORY. 1 unit. The student should have a general knowledge of the colonization of the several states, the forms of government that existed previous to the War of Independence, the causes and principal events of that war, the Period of the Confederation and the establishment of the Federal Constitution and the general history subsequent to that event.

CIVICS AND ECONOMICS

A year's work in Civics may be counted as 1 unit. It should include a knowledge of the relationship existing between subordinate and higher political units, together with a description of the chief functions performed by the institutions of the various political units.

Half a year's work in Economics, including a knowledge of the fundamental principles of economic science as presented in a good elementary treatise on the subject, may be counted as one unit.

Half a year's work in Civics and half a year's work in Economics may be counted as one unit.

Half a year's work in Civics may be added to a year's work in United States History, making $1\frac{1}{2}$ units.

SCIENCE

BOTANY. 1 unit. The year's work in botany necessary for one unit includes the elements of plant structure and physiology, and the life history of types of plants representative

of the great plant groups. The work on plant structure and physiology should comprise studies of the root, stem, and leaves of the higher plants. At least two-thirds of the course should consist of laboratory work.

Where it is not possible to give a full year's work to the subject, botany may be combined with physical geography and physiology in the construction of units.

PHYSICAL GEOGRAPHY. 1 unit. Students who present physical geography as one of the entrance-units should have completed a course in a standard text-book, such as Davis', Tarr's or Salisbury's. Work in Meteorology is not required, but a knowledge of the chief topographical maps is necessary, and an elementary knowledge of field methods is desirable.

PHYSIOLOGY. $\frac{1}{2}$ unit. The candidate should have received instruction in anatomy, histology, and physiology of the human body, also the essentials of hygiene. The work required in physiology is such as is outlined in Martin's *The Human Body, Briefer Course*. The text-book work should, of course, be illustrated by charts and models, and, whenever practical, anatomical demonstrations and chemical experiments should be made.

ZOOLOGY. 1 unit. The candidate who offers zoology as a subject for entrance should have completed the work in one of the standard text-books, such as Needham's, Colton's, Jordan's, Kellogg's, or Linville and Kelly's. Two thirds of the course should have consisted of laboratory work.

CHEMISTRY. 1 unit. A year's work in chemistry may be offered. The work required is indicated by Newell's *Descriptive Chemistry*. The student should devote about two-thirds of the time to laboratory work. Two laboratory periods are considered as equivalent to one class exercise. A record of all the work done in the laboratory should be kept in a note-book. The theories of chemistry, its laws, and history should be emphasized, together with the solution of problems.

When a year of chemistry is presented in addition to fifteen other units of high school work required for entrance, five hours of advanced College Credit will be given, provided the student's note book is approved by the department of chemistry at the College.

PHYSICS. 1 unit. The candidate may offer a year's work in physics, which must include both class-room work and laboratory practice. Three periods a week should be devoted to class-room work with a text-book, and at least four hours

a week should be given to actual work in the laboratory. A careful record should be kept in a note-book of all work done in the laboratory. The extent of the work in physics is indicated by any of the standard texts, such as Gage's, Carhart and Chute's, Linebarger's, or Milliken and Gale's.

VOCATIONAL SUBJECTS

Four units may be offered from the following list of vocational subjects, provided the equipment for teaching these subjects and the efficiency of instruction in the school from which the candidate comes is such as to meet the approval of the College.

AGRICULTURE: Plant Production, Agricultural Chemistry and Soils, 1 or 2 units according to whether the subject has been pursued one or two years.

COMMERCIAL WORK: One or two years of book-keeping, 1 or 2 units; one or two years of Stenography and Typewriting, 1 or 2 units; one-half year of Commercial Arithmetic, $\frac{1}{2}$ unit; one-half year of Commercial Law, $\frac{1}{2}$ unit; one-half year of Commercial Geography, $\frac{1}{2}$ unit.

DOMESTIC SCIENCE: One or two years of Food Study, 1 or 2 units; one or two years of Textiles and Clothing, 1 or 2 units; one year of House Problems, 1 unit.

MANUAL ARTS. One, two, three, or four years of Mechanical Drawing and Shopwork, 1, 2, 3, or 4 units; Freehand Drawing and Design, one or two years, 1 or 2 units.

ADMISSION BY CERTIFICATE

On recommendation of the principal of the high school, with his certificate showing that the student has successfully completed the courses required for entrance, graduates of any Wisconsin high school on the accredited list, will be admitted to the freshman class without examination. The list of accredited schools in Wisconsin from which students will be admitted upon certificate of the principal of the school, is the same as that of the University of Wisconsin. Further information concerning these schools will be furnished upon application to the College authorities.

ADVANCED STANDING

If the student applying for entrance to College can present more than the fifteen units required, he may in some cases be granted advanced standing in the extra studies presented, either by examination or on recommendation of the head of the department in which advanced credits are sought, or as the result of inspection and acceptance by the College of the work in the preparatory school in which the courses were taken. For advanced credit in science, laboratory note-books should be presented. The subjects for which students usually receive advanced credit are: foreign language, chemistry, and solid geometry.

Students who have taken part of the college course in other institutions of approved rank are admitted to advanced standing on the basis of satisfactory credentials of character and scholarship.

ADVANCED STANDING FROM NORMAL SCHOOLS

Graduates of Normal Schools in Wisconsin, who apply for advanced standing at Ripon College, will be granted advanced credit as follows:

1. TWO-YEAR COLLEGE COURSE IN NORMAL SCHOOLS.

Graduates from the college courses of the Normal Schools can secure Junior rank in Ripon College, provided such students when they entered the Normal School were fully prepared to enter the Freshman class at Ripon College.

2. TWO-YEAR PROFESSIONAL COURSES IN NORMAL SCHOOLS FOR HIGH SCHOOL TEACHERS AND SUPERINTENDENTS.

Graduates from the two-year professional courses in the Normal Schools, which are designed for High School teachers, superintendents and principals, can secure Junior rank and a maximum of fifty-six hours of advanced credit at Ripon College, provided that:

- a. The Professional Normal Course was preceded by a preparatory course which met the full requirements for admission to Ripon College.
- b. The electives of the professional courses were similar to those offered in the first two years of the college course at Ripon.

3. TWO-YEAR PROFESSIONAL COURSES FOR PRIMARY AND GRADE TEACHERS.

Graduates from professional courses for Primary and Grade teachers, who have conformed to the requirements, a and b, under 2 above, may receive a maximum of 54 hours of advanced credit at Ripon College.

4. STUDENTS WHO HAVE GRADUATED FROM THE LATIN OR GERMAN COURSE.

Such students will be given 93 units of the 186 required for graduation from Ripon College, under conditions similar to those outlined above for two-year courses.

5. THREE-YEAR PROFESSIONAL AND COLLEGE COURSES OF NORMAL SCHOOLS.

Graduates from the three-year professional courses of the Normal Schools in Wisconsin will receive additional advanced credit at Ripon College under conditions similar for those outlined for two year courses.

Graduates of Normal Schools outside of Wisconsin, who have met the above requirements for Normal Schools in Wisconsin, will receive a similar amount of credit.

RIPON COLLEGE AND THE STATE UNIVERSITY

Ripon College and the University of Wisconsin have practically the same entrance requirements and the same list of accepted schools. Students who migrate from either institution to the other will be given the rank of sophomores or juniors, if they change at the end of the first or second year of their work. It is not deemed advisable, by either institution, for students to migrate at the end of the junior year; but where such cases occur, they will be dealt with on their individual merits. The following statement from the President of the University will indicate the arrangement between the University and Ripon College:

"I am glad to state that Ripon College is one of the institutions in the state of Wisconsin with which the University has special relations. By agreement the en-

trance requirements of Ripon College are the same as for the University. We accept work done by students in the first and second years at Ripon College as entitling such students to Junior rank at the University. From there a number of students have come to the University as graduate students and they have made excellent records.

"Also there has been co-operation between Ripon College and the University in extension work and in arranging courses in Ripon for students who wish to come to the University for study in professional and technical subjects."

The arrangements suggested by this letter from the president of the State University applies to all students who are planning to take advanced courses in Agriculture, Commerce, Engineering, Law, Library, or Medicine.

Students who have completed the first three years of work leading to the A. B. or the Ph. B. degree may substitute for the senior year's work at Ripon the first year of a professional or technical course in the University.

Requirements for Graduation

REQUIRED CREDITS

The requirement for graduation is one hundred and eighty (180) hours of credit in college courses and a satisfactory thesis on an approved topic connected with the major subject, or one hundred and eighty-six (186) hours of credit without thesis. The unit of measure is one hour recitation or lecture, or one two-hour laboratory period per week for one quarter. A course which meets four hours per week for one quarter gives four (4) hours' credit. Regular work for freshmen is fifteen or sixteen hours per week. For all others it is from fifteen to eighteen hours.

The occasional student who desires to carry more than regular work must have maintained, during the preceding quarter, a grade of C, and obtain faculty permission. A fee of \$1.75 an hour will be charged for all work above sixteen hours.

HONOR CREDITS

In addition to the 186-hour credits necessary for graduation, each student must earn at least 186 honor credits, or an average mark in all subjects of C or higher.

Class standings are indicated by letters. A, B, C, and D are passing grades. For a grade of A in a given course, the student will receive three times as many honor credits as there are hour credits in the course; for a grade of B, twice as many honor credits; and for a grade of C, as many honor credits as hour credits. For example: A four-hour course in which the student's mark is A, gives twelve honor credits; if the grade is B, eight honor credits; and if C, four honor credits.

In the selection and arrangement of studies, the student has considerable freedom, but his choice is in part limited by the following general requirements.

COURSE LEADING TO THE DEGREE OF A. B.

A student who enters this course without having had foreign language in high school is required to complete forty-eight hour-credits in at least two and in not more than three languages before graduating. All these credits apply towards the degree.

FRESHMAN YEAR

The regular work of the freshman year is four subjects, each continued throughout the year. English Composition is required of all, and three subjects must be chosen from the following:

Bible	Greek
Biology	History
Chemistry	Latin
French	Mathematics
German	Spanish

SOPHOMORE YEAR

In the sophomore year any of the subjects open to freshmen may be elected. The required subjects not already completed should be included in the work of this year. Other electives open to sophomores are the following:

Archaeology	Biology
English Composition	Chemistry
English Literature	Debating
French	Economics
German	History
Greek	Law
Latin	Mathematics
Library Science	Philosophy
Sociology	Physics
Spanish	Public Speaking

JUNIOR AND SENIOR YEARS

By the time the student has reached the junior year, he is ready to select a subject in which to do advanced, cumulative work. This subject is called the student's major subject, and must include at least thirty hours' work in one of the following departments: Philosophy, Education, Greek, Latin, Romance Languages, German, English, History, Economics, Mathematics, Biology, Chemistry or Physics, Music.

Courses ordinarily open to freshmen are not counted toward the major. Exclusive of freshman courses, not more than forty-two hours of work in any one department will be counted toward a degree.

To secure breadth of training, the courses of study offered by the departments of the College have been arranged in four groups. The major subject will lie in one of these groups. In each of the other three, the student must select a minor or year course in one department. These minors are in addition to the courses required of all students.

The four groups from which the student selects his major and three minor subjects are as follows:

1. Language, Literature, Music.
Departments: Greek, Latin, German, Romance Languages, English, Education, Music, Public Speaking, Debate, Archaeology, Bible.
2. Natural Sciences.
Departments: Biology, Chemistry, Physics.
3. History, Political and Social Sciences.
Departments: History, Economics, Political Science, Sociology.
4. Philosophy and Mathematics.
Departments: Philosophy, Mathematics.

The group system readily adapts itself to the individual, by permitting a wide latitude in the choice of studies. At the same time, the importance of making a careful choice, under the best advice, cannot be emphasized too strongly. As some courses are given only in alternate years, and because of possible conflicts in the hours of recitation, the general plan of the student's work for the remainder of the course should be made by the beginning of the sophomore year. It is important that the courses should be planned as a whole with a definite end in view; and when once planned the student should not allow himself to be diverted from it for any but the most serious reasons.

The requirements for graduation from the A. B. course may be summed up as follows:

- I. English Composition C11-13, nine hours.
- II. Foreign language, forty-eight hours.

1. Towards this requirement high school work on the basis of six college hours for each high school unit up to the amount of six units, will be accepted. In general, students are required to take a minimum of twelve hours of one foreign language in the College. Any student, however, who presents more than six units for entrance will be allowed to count the additional unit or units toward the total requirements of forty-eight hours, provided he passes a special examination given by the College, upon four units of his high school work in one language.

2. Students must have at least four units of high school work or twenty-four hours in College in one language, or the equivalent in combined high school and College work in one language.

3. Similarly, students must have at least two high school units or twelve College hours in a second language.

4. One high school unit in language will be accepted only in case the student successfully continues this language in College for at least one quarter.

III. A year course in each of the four groups of studies outlined above and an additional amount of work in one of the four groups to constitute the major subject.

IV. Free election to make the total of one hundred and eighty hours required for graduation, or one hundred and eighty-six hours without thesis.

The degree of Bachelor of Arts is conferred upon all who complete the course as outlined above.

COURSES LEADING TO THE DEGREE OF PH. B.

The prescribed studies for the degree of Ph. B. are as follows:

I. English Composition C11-13 in the freshman year, nine hours.

II. Science and mathematics. A total of 30 hours to be taken in year courses.

III. Two of the following groups:

A. Philosophy or Mathematics, 15 hours. Mathematics may not be offered both here and under II. above.

B. History, 15 hours.

C. Foreign language, 21 hours. Not more than 12 of these may be in a beginner's course.

FRESHMAN YEAR

The studies of the freshman year are in general required, as they are in the A. B. course. The same studies are open to freshmen in the Ph. B. course as to those in the A. B. course and on the same terms. Students may readily take the following combinations, in which the numbers represent the number of credits per quarter.

I. Without foreign language.

A. English Composition, 3; English Literature, 3; History, 4; Science, 5.

B. English Composition, 3; History, 4; Mathematics, 3; Science, 5.

C. English Composition, 3; English Literature, 3; Bible, 2; History, 4; Mathematics, 3.

II. With foreign language:

A. English Composition, 3; Language, 4; History, 4; Science, 5.

B. English Composition, 3; Language, 4; History, 4; Mathematics, 3.

C. English Composition, 3; Language, 4; Mathematics, 3; Science, 5.

D. English Composition, 3; Language, 4; History, 4; English Literature, 3; Bible, 2.

Students who may elect as indicated in Group II. will be in line, if they choose to do so, to go on toward the A. B. degree instead of the Ph. B. They may continue foreign language in the sophomore year, and offer it as part of the prescribed credits for the Ph. B. degree, or the study may be discontinued. In the latter case the student will need to offer 15 credits in philosophy or mathematics, and 15 in history. Students may elect two foreign languages, but such students will naturally enter the A. B. course.

The following sciences are open to election by freshmen as part of the prescribed studies: Botany, Zoology, Chemistry, Physics.

The following courses in history are similarly open to election by freshmen: Mediaeval History, Modern History. These are four hour-credit courses.

The following foreign languages are similarly open to election by freshmen: Greek, Latin, German, French, Spanish. But French or Spanish may be elected only when the student has had two years of Latin in high school.

The Group System

The following courses illustrate the working of the group system, and will guide the student in arranging his own work.

PHILOSOPHY

This is a conservative course for the purpose of classical culture, drawn upon lines approved by the longest experience of American colleges. By a judicious use of the elective privilege, a fair balance can be preserved between the humanistic and the scientific disciplines for the purposes of culture and professional life.

The course serves also as a pre-theological course, when electives are chosen with this in view. It is possible for graduates of good rank to secure one year of advanced credit in leading theological seminaries, upon recommendation of the faculty. This course presupposes at least four language units of entrance credit. It must include at least one year of a laboratory science, and two are recommended.

First Year

English, an ancient language, a modern language. Mathematics or History.

Second Year

An ancient language, a modern language, a science, History or Economics, Logic, Psychology.

Third Year

Philosophy, Education, Ethics or Bible. History.

Fourth Year

Philosophy, Sociology, Education, History or Political Science.

LANGUAGE-LITERATURE

Many combinations of language and literature courses are possible, varying with the special interest of the student, whether it is in the Ancient Classics, Romance Languages, German, or English. One such group, typical of them all, is given below. The course outlined covers with some completeness the literature, history, and civilization of Europe.

First Year

English Composition; Greek or Latin; French or Spanish or German; Science.

Second Year

English; Greek or Latin; French or Spanish or German; History; Philosophy; Archaeology.

Third Year

English, Greek or Latin or French or Spanish or German; Archaeology; Psychology; Major subject; Elective.

Fourth Year

English, Greek or Latin or French or Spanish or German; Education; Classical Literature; Major subject; Electives.

HISTORY-ECONOMICS*First Year*

Ancient or Medieval History; Modern History; Foreign Language; Mathematics; English Composition.

Second Year

Medieval or Ancient History; Modern History; English; Foreign Language; Economics.

Third Year

English Political and Constitutional History; United States History; Physics; Political Science; Science; Elective.

Fourth Year

Economics as offered; Advanced English Composition; History; Elective.

BIOLOGY-CHEMISTRY

In this group the natural sciences form the basis of instruction, being supplemented by courses in modern languages, History, Political Economy and Mathematics. In the later years the student may continue the study of science or he may devote his attention to modern languages and history.

First Year

Chemistry or Biology; French or German; English Composition; Mathematics.

Second Year

English Literature or Composition; German or French; Chemistry; Biology; Mathematics.

Third Year

Physics; History; Political Economy; Chemistry or Biology.

Fourth Year

Philosophy; Two Sciences; Electives.

MUSIC

The purpose of this course is to afford opportunity to the college student to gain some insight into the science and history of music and to give him the advantage of some practical music courses in Piano, Violin, or Voice, and at the same time take the college course leading to the A. B. degree. The maximum credit in music for a college student majoring in any department is thirty hours. The first two years are mainly prescribed and partially elective. The maximum credit for a college student majoring in music is forty-two hours.

First Year

English Composition, four hours; Modern Languages, either French or German, four hours; History, four hours; Harmony and Ear Training, three hours.

Second Year

Mathematics, four hours; English Literature or Modern Language, four hours; Electives in College, three hours; Analysis and Counterpoint, four hours.

Third Year

History of Music, two hours; Appreciation of Music, two hours; Practical Music, one hour; Electives in College, six hours; Science, five hours.

Fourth Year

Practical Music, one hour; Electives in College, eleven hours; Education, four hours.

A thesis on a given subject in the History of Music is required in the senior year for the completion of the course in music.

MATHEMATICS-PHYSICS

The Mathematics-Physics course is arranged to present not only a thorough and continuous study of mathematics and physics, but also a broad and liberal outline of collegiate work. In this respect the course is well adapted to students who are desirous of becoming teachers in these subjects, or are contemplating graduate work, and also conforms to the needs of those who want the course, wholly as a matter of general training.

First Year

Chemistry; German or French; English Composition; Algebra; Trigonometry.

Second Year

Analytic Geometry; Calculus; Physics; German or French; English Literature; Advanced English Composition.

Third Year

Advanced Calculus; Heat; Economics or History; Elective: Quantitative Chemistry or Biology. Differential Equations; Light.

Fourth Year

Mechanics; Physics; Psychology; Electives: Philosophy, Education; Logic and Metaphysics.

Pre-Professional Courses

The courses of study which are given on the following pages, have been arranged, after consultation with the University of Wisconsin and the University of Chicago, to meet the requirements of professional courses.

It should be noted, moreover, that each is a well-rounded course of study, and meets the college requirements. In planning his college work, the student is advised to consult these courses, and also his faculty adviser or the registration committee.

AGRICULTURE

The following course of study has been arranged for students who expect later to enter a school of agriculture.

Freshman Year

English Composition.
Biology or Chemistry.
German or French or Spanish.
Mathematics.

Sophomore Year

Biology.
Chemistry.
German or French or Spanish or Latin.
Physics.

Junior and Senior Years

The work of these years will vary with the tastes of the student, and will in part be determined by the particular school which he proposes to enter. The student should arrange his work only after careful advice, in order that the college course may be correlated as fully as possible with the work of the professional school. His program will include advanced courses in Biology and Chemistry, and electives chosen from the following list:

English Composition.	History.
English Literature.	Physics.
Economics.	Philosophy.
Education.	

MEDICINE

The following courses approved by the Council on Medical Education are suggested for students preparing for the study of medicine, where only two years are devoted to such work: Chemistry.

Freshman Year

Chemistry; English Composition; Latin (If no Latin was taken in high school); German or French, (If Latin was taken in high school); Mathematics.

Sophomore Year

Biology; Chemistry, (Organic or $\frac{1}{2}$ Organic and $\frac{1}{2}$ Quantitative); German or French; Physics.

Junior Year

Biology, (advanced) or Chemistry (advanced); English Composition; Literature or History; French or German; Philosophy and Psychology.

Senior Year

Biology (advanced); Chemistry (advanced); Economics; English Composition or Foreign Language.

TWO-YEAR PRE-MEDICAL COURSE

The following two-year pre-medical course has been outlined by the American Medical Association:

Required Subjects:

Chemistry.....	One year
Physics.....	One year
Biology.....	One year
English Composition.....	One year
Other Nonscience Subjects.....	One year

Subjects Strongly Recommended:

French or German.....	One to two years
Advanced Botany or Advanced Zoology.....	One-half to one year
Psychology.....	One-half to one year
Advanced Mathematics.....	One-half to one year

Other Suggested Subjects:

Additional English, Economics, History, Sociology, Political Science, Logic, Additional Mathematics, Latin, Greek, Drawing.

ENGINEERING

The Pre-Engineering Group is intended to meet the needs of those students who wish to secure a thoroughgoing foundation for advanced study in engineering. It is hoped, therefore, that after graduation most of those who pursue this group of studies will desire to carry on their work at the University of Wisconsin or elsewhere. The agreement below has consequently been entered into by the University and Ripon College.

Graduates of Ripon College, who have followed the course outlined as the Pre-Engineering Group of studies, will be graduated from the various engineering courses leading to the degree of Bachelor of Science in two additional years; provided that students in civil engineering can make arrangements to complete the sophomore surveying before entering the University. (This may be done in the University Summer School.) See University of Wisconsin Catalogue for 1917-18, page 115.

Note. The course as outlined, gives eighteen hours' work per week for freshmen, while the regular work is but fifteen or sixteen hours. This course may be made to conform to the general plan, by deferring the course in Mechanical Drawing until the sophomore year. The student who undertakes eighteen hours' work, will be required to comply fully with the honor credit rule, or reduce the amount of work.

First Year

English; German or French or Spanish; Chemistry; Algebra; Mechanical Drawing; Trigonometry and Analytical Geometry.

Second Year

Calculus; Physics;¹ Chemistry; Descriptive Geometry; Electives: French or Spanish or German; Composition; English Literature.

Third Year

Advanced Mathematics; ²Organic Chemistry; Electives: Biology; Physics; Economics; Logic; Education; Public Speaking.

Fourth Year

Advanced Mathematics; ³Bacteriology; ⁴Electricity and Magnetism; ⁴Electrical Measurements; Electives: History; Advanced Chemistry; Philosophy; Sociology; Public Speaking; Psychology.

1. Required of Chemical and Mining Engineers.

2. Either Organic or Physical Chemistry is recommended for Mechanical Engineers.

3. Required of those desiring to specialize in Sanitary Engineering.

4. Required of Electrical Engineers.

LAW

Students entering the profession of Law, are urged to complete a full four-year course in college. The following course meets the requirements for a bachelor's degree, and at the same time outlines what is believed to be best adapted to meet the needs of law students.

First Year

Alegbra; Trigonometry; English; Latin or Greek or German or French; Medieval History; Modern History.

Second Year

English Composition; Latin or Greek or German or French; English Political and Constitutional History; Economics; Science.

Third Year

Physics; Foreign Language; American Constitutional History or Political Science; Teachers' English; Economics; Public Speaking; American Government and Politics or International Law.

Fourth Year

American Constitutional History or Political Science; Argumentation and Debate; Sociology and Economics as offered; History Journal Club; Advanced History or Political Science as offered; Advanced Composition; American Government and Politics or International Law; Sociology; Advanced History or Political Science as offered.

TWO-YEAR PRE-LAW COURSE

The following course approved by the Association of American Law Schools are suggested for students preparing for the study of law, where only two years are devoted to such work: English (rhetoric and composition), two years; Latin or Greek, two years; German or French, two years; mathematics, or a natural or physical science, one year; history (including English and American constitutional history), two years; psychology.

FIELD EXPERIENCE IN PUBLIC SERVICE

By arrangement with the Legislative Reference Library at Madison the College offers practical field training in public service. Students qualified by a basic training in political science and economics may spend the second semester at the

Library and receive College credit for satisfactory work. They will be given experience upon actual problems arising in the work of the Library and submitted by various state administrative departments, and in the use of the research sources available in Madison. In the year between legislative sessions it may be expected that much of the work will be upon problems suggested in the actual working out of our state government through the administrative departments. In the year of a legislative session problems connected with questions of legislation will predominate and there will be opportunity for practice in preliminary bill drafting. The work will be under the direct supervision of Dr. Charles McCarthy and Mr. C. B. Lester of the Library and of Dr. E. A. Fitzpatrick, Director of the Society for the Promotion of Training for Public Service. Careful record is kept of all work done and frequent progress reports must be submitted.

COMMERCE

For those students of Ripon College who wish to enter the Course in Commerce at the University at the beginning of the Junior year, Director Scott of the department of Commerce at the University of Wisconsin has outlined the following course for the student at Ripon College.

Freshman Year

English Composition; French; German or Spanish; History or Economics; Mathematics.

Sophomore Year

Chemistry or Physics; Economics; Foreign Language (continuation of the language taken in the freshman year).

LIBRARY SCIENCE

The authorities of the Library School of the University of Wisconsin strongly recommend that those contemplating entering the library profession obtain their bachelor's degree before seeking to enter the school. For those who contemplate taking the library training either for credit toward a bachelor's degree or at the close of their college course the following suggestions are made.

A reading knowledge of German or if preferred, French, is required. As much actual experience in library work as is possible is of great value. While some of this may well be apprentice work in the College library a certain amount of

public library work is most important. Further recommendations for under-graduate work are as follows:

Literature. Work in literature should be strongly emphasized, survey courses giving a perspective of the entire field of English and American literature being preferred.

History. A general understanding of history is most essential as a background, particularly such a knowledge as comes from survey courses in Modern, English, and American history.

Economics. An elementary course in economics which will familiarize the student with the vocabulary of the subject is almost essential. Additional work in sociology, political science, civics, etc., is valuable. It is advisable too, for the student to keep in touch with current events.

The typewriter has become so important a factor in modern library work and the school requires its use in the pursuit of so many of its courses, that some facility in its use is required of all applicants for admission.

THEOLOGY

The College offers all the courses usually taken in preparation for the study of theology. The courses outlined under the head of Philosophy, with suitable electives chosen under the direction of the head of that department, meet the approval of most theological seminaries.

TEACHING

The course for the preparation of teachers is intended to give the broadest and most complete training for high school teaching, consistent with a college course. There are three qualifications about equally essential for a successful teacher, namely: general culture and intelligence, mastery of the subject, and skill in the theory and art of teaching. The course provides for all three of these requirements. Its chief merit lies in the scope and thoroughness of the courses in Education.

The department of Education offers four standard four-hour courses, covering two years, and dealing in a thorough manner with the History and Philosophy of Education, with educative values and the fundamental principles governing method, with the special problems of teaching, management, and constructive ideals of life. Instruction is given in training young people to study and manage their own mental operations, to use libraries and reference books, and to get the right attitude toward life.

The several departments in Ripon College offer Courses for Teachers of those subjects, in which reviews of the elementary matter are given, with special reference to teaching it in high schools.

Systematic and critical observation of high schools in actual operation is a regular part of each year's work. There is also considerable opportunity for getting valuable experience in the actual work of a teacher, through the appointment of fellows and substitute teachers.

To worthy students who have taken these training courses, assistance is given, during the senior year, that they may secure good positions. The efforts of the faculty in this direction have been very successful. School men, understanding the character of the work done and the method of recommendation, are constantly writing for candidates. While no guarantee can be made, it is safe to say that every student who proves worthy, and desires a position, will secure one.

School Committees desiring information in regard to worthy graduates should address Dr. W. J. Mutch, Chairman of the Board on Recommendations. Dr. Mutch also co-operates with the leading teachers' agencies and with the Federal Department of Labor in locating efficient teachers. Graduates of the College who desire positions should notify Dr. Mutch.

STATE TEACHERS' CERTIFICATES

To those graduates of Ripon College who have completed the required work in psychology and education and are recommended by the College, the state department of education will issue teachers' certificates. Those who wish to meet the requirements and to be recommended by the College for this certificate should take the following courses:

Psychology; Education; and a departmental teachers' course in the Major subject.

The state superintendent will furnish on request the necessary blanks for making application for a teacher's certificate. The license authorizes the holder to teach for one year in any public school in the State of Wisconsin. The license may be renewed for the same length of time after a year of successful teaching. After a period of two years of successful teaching on a certificate of this kind, the teacher receives an "unlimited State Certificate" valid for life.

It sometimes happens that undergraduates who have completed two or three years of collegiate work, desire to teach before completing their college course. Under certain circumstances these students may be recommended to the board of examiners for a permit.

Graduates of the College who have not had the required amount of work in psychology and education may receive a certificate with certain conditions. The following is the recent announcement covering this matter issued by the state board of examiners:

“(1) A student who graduates with creditable standing and who presents satisfactory testimonials of probable success in teaching will receive a license without the requirement of any professional subjects; (2) before renewal of the license the licensee must, by passing an examination, or by study at a recognized institution, obtain the equivalent of six credits in psychology and pedagogy; (3) before the life certificate is issued the entire twelve credits (three in psychology, nine in pedagogy) or their equivalent, must be earned.”

“In addition to insisting on a prompt bona fide beginning in the satisfaction of the professional requirements, the board has lately defined the distribution of the work within the twelve credits. One-fourth of the credits, neither more nor less, must be in modern psychology of college grade.”

Courses of Instruction

WORLD LITERATURE AND BIBLICAL HISTORY

PRESIDENT CULBERTSON

FIRST QUARTER

11. **MASTERPIECES OF WORLD LITERATURE.** A study of selected Literary Masterpieces of various ages and peoples, in translation. The course continues throughout the year and is designed to give the student an introduction to a wide range of literary interests. The works read will include selected dramas of Aeschylus, The Divine Comedy of Dante, Goethe's Faust, and selected works of Victor Hugo, Tolstoi, Ibsen, Maertelinck, Tennyson and Browning.

The course extends throughout the year.

Seminar, one hour. T., Th., 3:15.

14. **OLD TESTAMENT HISTORY.** A survey of the history of Old Testament times, showing the geography and environment of the Hebrew people, and the development of their social institutions, religious ideas and literature.

The course extends throughout the year.

Seminar, one hour. T., Th., 9:00.

17. **NEW TESTAMENT HISTORY AND LITERATURE.** A study of the life and teachings of Jesus, the beginnings of Christianity and the life and letters of Paul.

The course extends throughout the year.

Seminar, one hour. T., Th., 11:20.

31. **WISDOM, PROPHETIC AND APOCALYPTIC LITERATURE OF THE BIBLE.** An introduction to the study of Job, Ecclesiastes, Song of Songs, Amos, Isaiah, Daniel and Revelation.

Three hours. T., W., Th., 2:15.

SECOND QUARTER

12. **MASTERPIECES OF WORLD LITERATURE.** Continued.

Seminar, one hour. T., Th., 3:15.

15. **OLD TESTAMENT HISTORY.** Continued.

Seminar, one hour. T., Th., 9:00.

18. **NEW TESTAMENT HISTORY AND LITERATURE.** Continued.

Seminar, one hour. T., Th., 11:20.

32. **HISTORY OF RELIGION.** Text and collateral readings. A study of the origin of primitive religion, animism, nature worship, ancestor worship, the religions of Babylon, Assyria, China, Egypt, Canaanites, Israel, Islam, Greece, Rome, India, Persia, and Christianity, with an outlook upon the scope and progress of Christian Missionary Enterprise.

Three hours. T., W., Th., 2:15.

THIRD QUARTER

13. MASTERPIECES OF WORLD LITERATURE. Continued.

Seminar, one hour. T., Th., 3:15.

16. OLD TESTAMENT HISTORY. Continued.

Seminar, one hour. T., Th., 9:00.

19. NEW TESTAMENT HISTORY AND LITERATURE. Continued.

Seminar, one hour. T., Th., 11:20.

33. CHRISTIAN EVIDENCES. Text, collateral readings and reports. A study of the authenticity of the records of the life and teaching of Jesus, the fundamental teachings of Christianity, and the evidences of the truth of these teachings in modern science and philosophy.

Three hours. T., W., Th., 2:15.

All Freshman are required to take one of the first three courses throughout the year in this department.

PHILOSOPHY

PROFESSOR MUTCH

Three years' work is offered in Philosophy. This is sufficient for a major in Philosophy, but in that case work should begin as early as the sophomore year; and these courses are planned with this in view. Such a major furnishes a standard preparation for several lines of professional work; but its chief merit is that it gives a point of view such as every educated person needs upon the fundamental subjects of life, reality, and abiding values. A minor in Philosophy consists of Philosophy 21, 22, and 23 or 24.

FIRST QUARTER

21. METHOD OF NATURE. An interpretation of nature from the standpoint of science, philosophy, and religion. It is intended to simplify philosophy for the beginner. Not open to freshmen. Part of the work is of laboratory character.

Four hours. Five class periods. M., T., W., Th., F., 11:20.

31. HISTORY OF ANCIENT PHILOSOPHY. This course should be preceded by the first year in Philosophy, and should be followed by Course 32.

Three hours. T., W., Th., 9:00.

[41. PRESENT DAY PHILOSOPHY. Given in alternate years with Course 31.]

SECOND QUARTER

22. PHILOSOPHICAL INTRODUCTION. A study of the problems of knowledge, conduct and reality, with a view to helping each student to work out a philosophy of his own, which will serve him as a basis for his own thought and life. This course follows Philosophy 21.

Four hours. T., W., Th., F., 11:20.

32. HISTORY OF MODERN PHILOSOPHY. From Descartes to the present time. This course follows Course 31.

Three hours. T. W., Th., 9:00.

[42. PRESENT DAY PHILOSOPHY. Given in alternate years with Course 32.]

THIRD QUARTER

23. **ETHICS.** The philosophy of conduct. The nature of goodness and the various theories of the origin and meaning of the idea of right and wrong.

This course should be preceded by Courses 21 and 22.

Four hours. T., W., Th., F., 11:20.

[24. **LOGIC.** The science and art of thinking, including some of the psychology of thinking. This course should be preceded by Courses 21 and 22. Given in alternate years with Course 23.]

33. **HISTORY OF SCIENTIFIC THOUGHT.** The rise and meaning of such scientific movements as inductive thought, experimental method, historical and literary criticism, and evolutionary theory. Follows Course 32.

Three hours. T., W., Th., 9:00.

[43. **PHILOSOPHY OF RELIGION.** Given in alternate years with Course 33. Follows Course 42.]

EDUCATION

PROFESSOR MUTCH

The courses in Education are all planned primarily for their value to any educated person. Incidentally they may serve to prepare graduates of the college for the teaching profession. For this purpose it is recommended that all the courses offered in Education and Psychology should be taken, as well as the first year in Philosophy, and the course for teachers in the department of the major teaching subject.

FIRST QUARTER

34. **PSYCHOLOGY.** The general principles and fundamental facts of Psychology are studied from text-books and lectures. This course is a necessary foundation for other courses in Psychology and Education and is important in connection with nearly every subject of study, and every field of activity in real life. It should be followed by Courses 35 and 36.

Three hours. M., W., F., 3:15.

37. **HISTORY OF EDUCATION.** This is a fundamental course in Education, and should be taken before other courses in Education. It is given every year.

Three hours. M., W., F., 10:20.

SECOND QUARTER

35. **APPLIED PSYCHOLOGY.** This is a continuation of Course 34, and affords opportunity for some experiments, and especially for a study of the practical uses of Psychology in everyday life, in mental hygiene, and in various professions and vocations. Prerequisite: Course 34.

Three hours. M., W., F., 3:15.

38. **PEDAGOGY.** This is not an elementary course in methods of teaching, but a study of the fundamental principles and processes which govern all scientific method. It is useful not only for teachers, but for lawyers, preachers, writers and all those interested in the process of imparting ideas or information to other minds. It should be preceded by Course 37.

Three hours. M., W., F., 10:20.

[48. PHILOSOPHY OF EDUCATION. Given in alternate years with Course 38.]

THIRD QUARTER

36. EDUCATIONAL PSYCHOLOGY. This is a part of the applied psychology not covered by Course 35. It has to do with the practical use of the mind in learning, remembering, training, habit-forming, and understanding. It is the most important of all applications of Psychology. It is required for teaching, and is important for all thinking people. It should be preceded by Course 34 and 35.

Three hours. M., W., F., 3:15.

39. EDUCATIONAL ADMINISTRATION. A study of city and country schools, and of the functions of principals, superintendents, supervisors, school boards, local, county, and state, and of special problems arising in the administration of high schools, including vocational guidance. It should be preceded by Courses 37 and 38.

Three hours. M., W., F., 10:20.

[49. HIGH SCHOOL TEACHING. Given in alternate years with Course 39.]

ARCHAEOLOGY

PROFESSOR GOODRICH

FIRST QUARTER

[1. CLASSICAL ARCHAEOLOGY. A study of important centers of ancient civilization, as Knossus, Mycenae, Athens, Delphi, and Olympia. Study of monuments which are most important for a knowledge of Greek architecture and sculpture. Lectures on the minor arts. Emphasis is placed on the relation of archaeology to literature and history.

Two hours. T., Th., 11:15.]

Omitted in 1919-20. In its place will be given Courses 27, 28 and 29 in the Department of History and Political Science.

[4. POMPEII AND ROMAN PRIVATE LIFE. The excavations of Pompeii are studied and made the basis of a course of lectures on the life of the Romans.

Two hours. Omitted in 1919-20.]

[3. TOPOGRAPHY AND MONUMENTS OF ROME. The growth of the ancient city from its foundation to the fourth century; the topography of Rome; study of important monuments. Lectures on Roman architecture and sculpture.

One hour. Omitted in 1919-20.]

GREEK

PROFESSORS GOODRICH AND VAN HARLINGEN

FIRST QUARTER

1. COURSE FOR BEGINNERS. Goodwin's Grammar; Goodwin and White, Anabasis. A year course.

Four hours. M., T., W., Th., 9:00.

[11. XENOPHON, HOMER. Selections from the Hellenica of Xenophon; Homer's Odyssey, selected portions. Systematic review of grammar.

A year course.

Four hours. Omitted in 1919-20.]

[14. GREEK TESTAMENT. A careful study, text and interpretation of selected passages in the Greek New Testament.

Prerequisite: Greek 1. A year course.

Two hours. Omitted in 1919-20.]

21. PLATO, EURIPIDES, ARISTOPHANES, LUCIAN. Plato's Apology and selections from other writings; Euripides, Alcestis and Iphigenia in Tauris; Aristophanes, Acharnians; selections from Lucian.

A year course.

Three hours. M., W., F., 8:00.

[24. THUCYDIDES, AESCHYLUS, DEMOSTHENES. Thucydides, the Sicilian Expedition; Aeschylus, Agamemnon; Demosthenes, On the Crown.

A year course.

Three hours. Omitted in 1919-20.]

[27. CLASSICAL LITERATURE. A study, through English translations, of the masterpieces of Greek and Latin Literature, and of the influence of the classics upon the form and content of later literature.

Three hours. Omitted in 1919-20.]

SECOND QUARTER

2. COURSE FOR BEGINNERS. Continuation of Course 1.

Four hours. M., T., W., Th., 9:00.

[12. XENOPHON, HOMER. Continuation of Course 11.

Four hours. Omitted in 1919-20.]

[15. GREEK TESTAMENT. Continuation of Course 14.

Two hours. Omitted in 1919-20.]

22. PLATO, EURIPIDES, ARISTOPHANES, LUCIAN. Continuation of Course 21.

Three hours. M., W., F., 8:00.

24. [25. THUCYDIDES, AESCHYLUS, DEMOSTHENES. Continuation of Course 24.

Three hours. Omitted in 1919-20.]

THIRD QUARTER

3. COURSE FOR BEGINNERS. Continuation of Course 2.

Four hours. M., T., W., Th., 9:00.

[13. XENOPHON, HOMER. Continuation of Course 12.

Four hours. Omitted in 1919-20.]

[16. GREEK TESTAMENT. Continuation of Course 15.

Two hours. Omitted in 1919-20.]

22. 23. PLATO, EURIPIDES, ARISTOPHANES, LUCIAN. Continuation of Course 22.

Three hours. M., W., F., 8:00.

25. [26. THUCYDIDES, AESCHYLUS, DEMOSTHENES. Continuation of Course 25.

Three hours. Omitted in 1919-20.]

[39. MYTHOLOGY IN GREEK LITERATURE. This is given as a joint course with Professor Taintor. It is a four-hour course, two hours being given in each department. It consists in this department of a study of some of the noteworthy myths found in Greek literature and Greek art, with illustrated lectures and assigned readings in English translations. Open only to juniors and seniors.

Two hours.

Two hours in the English Literature department. Omitted in 1919-20.]

[28. CLASSICAL LITERATURE. Studies in English translation. Continuation of Course 27.

Three hours. Omitted in 1919-20.]

LATIN

PROFESSORS GOODRICH AND VAN HARLINGEN

FIRST QUARTER

1. COURSE FOR BEGINNERS. Special attention is given to the presentation of the subject so that a fairly comprehensive knowledge of Latin may be acquired by those who begin the study of it in the freshman year. This course meets the entrance requirements in foreign language, or may be counted for credit toward graduation.

Through the year.

Five hours. M., T., W., Th., F., 3:15.

4. CICERO-VIRGIL. This course follows Course 1, or may be taken by students who have had two years Latin in the high school.

Through the year.

Four hours. M., T., W., Th., 11:15.

11. HORACE, ODES AND EPODES. LIVY. Selections from Livy. Prose composition based on Livy XXI and XXII.

Four hours. M., T., Th., F., 1:15.

[21. ROMAN COMEDY. Selected plays of Plautus and Terence. A reading course.

Three hours. Omitted in 1919-20.]

31. TACITUS. HISTORIAE AGRICOLA. Sections from the letters of Pliny and the epigrams of Martial Prose composition.

Three hours. M., W., F., 9:00.

[35. LATIN LITERATURE. Lectures and assigned readings on the literature of the Republic.

Three hours. Omitted in 1919-20.]

39. JOURNAL CLUB. Reports on books and articles in the current journals and discussion of general topics pertaining to the classics.

Through the year.

One hour. To be arranged.

SECOND QUARTER

2. COURSE FOR BEGINNERS. Continuation of Course 1.

Five hours. M., T., W., Th., F., 3:15.

5. CICERO-VIRGIL. Continuation of Course 4.

Four hours. M., T., W., Th., 11:15.

12. HORACE. Historical Odes and Epodes. Study of Monumentum Ancyranum.

Four hours. M., T., Th., F., 1:15.

[22. VIRGIL. The class will read Eclogues, parts of the Georgics, and Books VII and XII of Aeneid. Study of sources, methods and literary influence of Virgil.

Three hours. Omitted in 1919-20.]

32. ROMAN SATIRE. A study of Horace, Juvenal, Perseus, Petronius and of the history of Roman Satire. Prose composition.

Three hours. M., W., F., 9:00.

[36. LATIN LITERATURE. Lectures and assigned readings on the literature of the early Empire.

Three hours. Omitted in 1919-20.]

40. JOURNAL CLUB. Continuation of Course 37.

One hour. To be arranged.

THIRD QUARTER

3. COURSE FOR BEGINNERS. Continuation of Course 2.

Five hours. M., T., W., Th., F., 3:15.

6. CICERO-VIRGIL. Continuation of Course 5.

Four hours. M., T., W., Th., 11:15.

13. TACITUS. ANNALES. Books I-IV.

Four hours. M., T., Th., F., 1:15.

[23. CICERO'S LETTERS. Interpretative study of the life of Cicero. Selections from the orations and the essays.

Three hours. Omitted in 1919-20.]

37. CHRISTIAN WRITERS OF THE LATE EMPIRE. Lectures on the religious and literary tendencies of the age. Particular study of St. Augustine's "Civitas Dei" and of the Latin Hymns.

Three hours. M., W., F., 9:00.

34. COURSE FOR TEACHERS. About one-half the time will be given to a study of the more important phases of Latin grammar and to prose composition. Selections from the authors read in the high school course will be studied. Special emphasis will be placed upon knowledge of the Roman topography and of Roman life and customs.

Three hours. M., W., F., 8:00.

[38. LUCRETIVS. DE RERUM NATURA. Cicero, Tusculan Disputations, Book I, for rapid reading. Prose composition.

Four hours. Omitted in 1919-20.]

41. JOURNAL CLUB. Continuation of Course 40.

One hour. To be arranged.

GERMAN

PROFESSOR VAN HARLINGEN

All courses in this department are conducted in German.

FIRST QUARTER

1. COURSE FOR BEGINNERS. This course is arranged for students who have not met the college entrance requirements in German. The work, if satisfactorily done, will admit the student to the Freshman German.

Whitney and Stroebe's "Brief Course in German."

Grammar, prose composition, reading of short stories and plays by modern writers and conversation.

Throughout the year.

Four hours. M., T., W., F., 2:15.

11. FRESHMAN GERMAN. This course is intended to continue the work begun in the secondary schools. The object is to teach the students to read German rapidly and intelligently without using the medium of English.

Study of the novel or the short story; prose composition.

Throughout the year.

Four hours. M., T., W., Th., 10:15.

21. SOPHOMORE GERMAN. Introduction to the study of German Literature.

Brief outline of the history of German literature up to and through the classical period. Representative works covering the period from the tenth to the sixteenth century are read in modern German translation. Analysis of texts, papers presented by the class on subjects suggested by the reading. Grammar, composition.

Three hours. M., W., F., 8:00.

31. GERMAN CLASSICAL LITERATURE OF THE EIGHTEENTH CENTURY. Study of the lives and works of Lessing and Schiller. Assigned readings and reports. Prose composition.

Three hours. T., Th., F., 3:15.

41. COURSE FOR TEACHERS. This course is designed for students who are intending to teach, and is open to those who have completed 31 and 32.

Composition on assigned themes with systematic review of the grammar, one hour; survey of the history of German literature, with readings from representative works of each period, one hour.

Discussion of the new methods and their application. Members of this class are called upon to conduct recitations, and are also given opportunity to act as substitute teachers.

Throughout the year.

Two hours. T., Th., 1:15.

SECOND QUARTER

2. COURSE FOR BEGINNERS. Continuation of Course 1.

Four hours. M., T., W., F., 2:15.

12. FRESHMAN GERMAN. Continuation of Course 11.

Four hours. M. T., W., Th., 10:15.

22. SOPHOMORE GERMAN. Continuation of Course 21.

Three hours. M., W., F., 9:00 .

32. JUNIOR GERMAN. Goethe's Life and Works. His plays are studied as the dramatic expression of the poet's period of Storm and Stress and of his classical period. Assigned readings from Bielschowsky's "Life of Goethe."

Three hours. T., Th., F., 3:15.

42. COURSE FOR TEACHERS. Continuation of Course 41.

Two hours. T., Th., 1:15.

THIRD QUARTER

3. COURSE FOR BEGINNERS. Continuation of Course 2.

Four hours. M., T., W., F., 2:15.

13. FRESHMAN GERMAN. Continuation of Course 12.

Four hours. M., T., W., Th., 10:15.

23. SOPHOMORE GERMAN. Romantic period in German Literature. Development of the Romantic Movement in Germany, with special reference to its expression in lyric poetry and the "Maerchen." Grammar, composition.

Three hours. M., W., F., 9:00.

33. JUNIOR GERMAN. Continuation of Course 32.

Three hours. T., Th., F., 3:15.

43. COURSE FOR TEACHERS. Continuation of Course 42.

Two hours. T., Th., 1:15.

FRENCH

ASSOCIATE PROFESSOR HEISE

FIRST QUARTER

11. ELEMENTARY FRENCH. The elements of grammar, the reading of simple texts, drill in pronunciation, composition, oral drill. Conducted almost entirely in French.

Four hours. Section 1, M., T., Th., F., 10:20.

Section 2, M., T., W., Th., 1:15.

21. SECOND YEAR FRENCH. French readings. Modern short stories and dramas, grammar review, dictation. Oral exercises based on texts read and weekly prose exercises. Conducted in French.

Three hours. M., W., F., 11:15.

31. THIRD YEAR FRENCH. Dramas of the nineteenth century. Grammar review, oral exercises based on texts read, composition, conversation, dictation. Conducted in French.

Three hours. M., W., F., 3:15.

44. TEACHER'S FRENCH. Includes a detailed study of the grammars and texts used in the first and second years of high school French, grammar review, conversation, private tutoring on the part of the members of the class, and observation of classes in first and second year French.

Three Hours. M., W., F., 9:00.

41. **FOURTH YEAR FRENCH.** A study of modern or of seventeenth century literature. Grammar review, oral exercises based on texts, composition, conversation, dictation. Conducted in French.

Three hours. M., W., F., 8:00.

25. **SPECIAL CONVERSATION.**

One hour. F., 11:15.

SECOND QUARTER

12. **ELEMENTARY FRENCH.** Continuation of Course 11. The grammar continued, reading, translation, composition, oral drill, and dictation. Conducted in French.

Four hours. Section 1, M., T., Th., F., 10:20.

Section 2, M., T., W., Th., 1:15.

22. **SECOND YEAR FRENCH.** Continuation of Course 21, with much oral work. Reports in French by members of the class to furnish a simple historical and literary background. Conducted in French.

Three hours. M., W., F., 11:15.

32. **THIRD YEAR FRENCH.** Continuation of Course 31. Reading of a simple French history by members of the class to furnish historical background.

Three hours. M., W., F., 3:15.

45. **TEACHERS' FRENCH.** Continuation of Course 44. Teaching under supervision, for a period of at least two weeks, by individual members of the class.

Three hours. M., W., F., 9:00.

24. **PHONETICS.** A course intended for students who wish to learn the exact pronunciation of French. Pronunciation taught by phonetic symbols. Consists of translation from phonetics into the French and from the French into phonetics, of dictation, and of memorizing of both prose and poetry.

Two hours. T., Th., 2:15.

42. **FOURTH YEAR FRENCH.** Continuation of Course 41.

Three hours. M., W., F., 8:00.

26. **SPECIAL CONVERSATION.**

One hour. F., 11:15.

THIRD QUARTER

13. **ELEMENTARY FRENCH.** The grammar completed. Continuation of Course 12.

Four hours. Section 1, M., T., Th., F., 10:15.

Section 2, M., T., W., Th., 1:15.

23. **SECOND YEAR FRENCH.** Continuation of Course 22.

Three hours. M., W., F., 11:15.

28. **COMPOSITION.** This course is open to students who have had five quarters of French. It consists of the translation of very simple English into French. A book of English fairy tales is used as a basis for translation.

Two hours. T., Th., 2:15.

33. **THIRD YEAR FRENCH.** Continuation of Course 32.

Three hours. M., W., F., 3:15.

46. **TEACHERS' FRENCH.** Continuation of Course 45.

Three hours. M., W., F., 9:00.

43. **FOURTH YEAR FRENCH.** Continuation of Course 42.

Three hours. M., W., F., 8:00.

27. **SPECIAL CONVERSATION.**

One hour. F., 11:15.

SPANISH

PROFESSOR SCHONS

FIRST QUARTER

11. **ELEMENTARY SPANISH.** Careful drill on grammar, pronunciation, oral and written composition. Reading of simple prose. Class conducted in Spanish as far as possible.

Four hours. M., T., W., Th., 3:15.

21. **INTERMEDIATE SPANISH.** Modern Spanish novels and comedies. Composition and conversation. Reports on outside reading. Conducted almost entirely in Spanish.

Three hours. M., W., F., 11:20.

31. **COURSE IN CONVERSATION.** Registration only with consent of instructor. The object of the course is to give the student fluency in the use of every-day Spanish.

Three hours. M., W., F., 9:00.

41. **NINETEENTH CENTURY LITERATURE.** Conducted entirely in Spanish. Study of Spanish Romanticism as reflected in the Lyric, the Drama and the Novel. The work of El Duque de Rivas, Espronceda, Zorrilla, Becquer, etc., will be studied. Reports in Spanish. Advanced composition.

Three hours. M., W., F., 1:15.

SECOND QUARTER

12. **ELEMENTARY SPANISH.** Continuation of Course 11. More advanced grammar, composition and reading. Spanish made to a greater extent the language of the class room.

Four hours. M., T., W., Th., 3:15.

22. **INTERMEDIATE SPANISH.** Continuation of Course 21. Reading of more difficult Spanish. Composition and Conversation. Conducted almost entirely in Spanish. Themes on outside reading.

Three hours. M., W., F., 11:20.

32. **COURSE IN CONVERSATION.** Continuation of Course 31.

Three hours. M., W., F., 9:00.

42. **CONTEMPORARY LITERATURE.** Conducted in Spanish. The realistic and naturalistic movements. Study of the works of the most prominent Spanish authors of the present day, such as Pereda, Galdos, Alas, Benavente, Blasco Ibanez, etc. Readings and reports. Advanced composition.

Three hours. M., W., F., 1:15.

THIRD QUARTER

13. **ELEMENTARY SPANISH.** Continuation of Course 12. Advanced grammar, composition and reading. Conducted largely in Spanish.

Four hours. M., T., W., Th., 3:15.

23. **INTERMEDIATE SPANISH.** Continuation of Course 22. Readings and reports. Composition and conversation. Conducted almost entirely in Spanish.

Three hours. M., W., F., 11:20.

33. **COURSE IN COMPOSITION.** The first half of the course is devoted to the writing of exercises based on Spanish texts, the latter half to free composition.

Three hours. M., W., F., 9:00.

43. **THE GOLDEN AGE IN SPANISH LITERATURE.** Study of the works of Cervantes, Calderon, Lope de Vega, Tirso de Molina, etc. Development of the Lyric, the Drama and the Novel. Readings and reports. Advanced composition.

Three hours. M., W., F., 1:15.

ENGLISH COMPOSITION AND PUBLIC SPEAKING

PROFESSOR BOODY, ASSOCIATE PROFESSOR GRAHAM, MISS MOONEY

Requirements: English C11-13 is required of all candidates for a degree. Students who make unsatisfactory grades in this course, or who later show themselves careless in the use of English, may be held for further work in composition at the discretion of the department.

English C11-13 is required of all freshman who possess sufficient high school training in the elements of composition to enable them to do the work of this course successfully.

During the first three weeks of the fall quarter careful tests are made of the proficiency in composition of each member of the entering class. Those who show in these tests that they are not prepared to do the work of English C11-13, are required to take English C1-3 a more elementary course. In those cases, therefore, where students enter with insufficient preparation, two years' work in English Composition is required, which must be pursued in six successive quarters.

FIRST QUARTER

C1. **INTRODUCTORY COURSE IN ENGLISH COMPOSITION.** Five times a week with three hours credit.

Section 1, M., T., W., Th., F., 9:00.

Section 2, M., T., W., Th., F., 10:20.

Section 3, M., T., W., Th., F., 1:15.

C11. **FRESHMAN COMPOSITION.** A study of dictation and of the sentence and the paragraph. Recitations, lectures, readings; written work with conferences.

Five times a week with three hours credit.

Section 1, M., T., W., Th., F., 9:00.

Section 2, M., T., W., Th., F., 1:15.

Section 3, M., T., W., Th., F., 2:15.

C21. **ADVANCED COMPOSITION.** Practice in writing with emphasis upon exposition; daily themes, brief and forensic. Frequent individual conferences, required readings.

Three hours a week with three hours credit. M., W., F., 2:15.

C25. **PRACTICAL PUBLIC SPEAKING.** A course in the preparation and delivery of original speeches. It includes a study of the structure of the short speech and constant drill in the effective methods of delivery.

Three hours a week with three hours credit. T., W., Th., 1:15.

C30. **NEWSPAPER WRITING.** An advanced course open only to members of the staff of the College Days.

One hour a week with one hour credit. Hour to be arranged.

C35. **DEBATING.** A systematic study of the principles of oral debate. Analysis of propositions, employment of evidence, refutation, the debating style. Extemporaneous debating, set class debates with criticism by the class and instructor.

Three hours a week with three hours credit. Hours to be arranged.

SECOND QUARTER

C2. **INTRODUCTORY COURSE IN ENGLISH COMPOSITION.** Continued from first quarter.

Five times a week with three hours credit.

Section 1, M., T., W., Th., F., 9:00.

Section 2, M., T., W., Th., F., 10:20.

Section 3, M., T., W., Th., F., 1:15.

C12. **FRESHMAN COMPOSITION.** Continued from first quarter. A study of the composition as a whole. Outlines, themes, recitations, lectures, readings.

Five times a week with three hours credit.

Section 1, M., T., W., Th., F., 9:00.

Section 2, M., T., W., Th., F., 1:15.

Section 3, M., T., W., Th., F., 2:15.

C22. **ADVANCED COMPOSITION.** Continued from first quarter. Practice in writing with emphasis upon argumentation, short themes, briefs and forensics. Frequent individual conferences, required reading.

Three hours a week with three hours credit. M., W., F., 2:15.

C26. **PRACTICAL PUBLIC SPEAKING.** Continued from first quarter.

Three hours a week with three hours credit. T., W., Th., 1:15.

C32. **NEWSPAPER WRITING.** Continued from first quarter. An advanced course open only to members of the staff of The College Days.

One hour a week with one hour credit. Hour to be arranged.

C36. **DEBATING.** Continued from the first quarter. The course is open only to those students who represent the College in intercollegiate debates.

Three hours a week with three hours credit. Hours to be arranged.

THIRD QUARTER

C3. INTRODUCTORY COURSE IN ENGLISH COMPOSITION. Continued from the second quarter.

Five times a week with five hours credit.

Section 1, M., T., W., Th., F., 9:00.

Section 2, M., T., W., Th., F., 10:20.

Section 3, M., T., W., Th., F., 1:15.

C13. FRESHMAN COMPOSITION. Continued from second quarter. Study of the composition as a whole, introductory to more detailed study of exposition, argumentation, narration, and description in Courses C21, C22 and C23.

Five times a week with three hours credit.

Section 1, M., T., W., Th., F., 9:00.

Section 2, M., T., W., Th., F., 1:15.

Section 3, M., T., W., Th., F., 2:15.

C23. ADVANCED COMPOSITION. Continued from second quarter. Practice in writing with emphasis on narration and description. Short themes, short stories. Frequent individual conferences, required readings.

Three hours a week with three hours credit. M., W., F., 2:15.

C27. PRACTICAL PUBLIC SPEAKING. Continued from second quarter.

Three hours a week with three hours credit. T., W., Th., 1:15.

C33. NEWSPAPER WRITING. Continued from second quarter. An advanced course open only to members of the staff of the College Days.

One hour a week with one hour credit. Hour to be arranged.

C37. INTERCOLLEGIATE ORATORY. A course providing training for those students who desire to enter any of the intercollegiate oratorical contests. The composition and delivery of the college oration.

Three hours a week. Hours to be arranged.

ENGLISH LITERATURE

PROFESSOR TAINTOR

FIRST QUARTER

21. ENGLISH LITERATURE IN THE DEVELOPMENT OF THE NATIONAL LIFE. This course is continued throughout the year. It should be taken in the sophomore year by all who expect to make English Literature their major subject. It is adapted to those students also who may not be able to give special attention to particular periods but who wish for a general knowledge of the literature of England. During the year 1919-20 this course will place particular stress on the relation of literature to the gradual development of democratic ideals in the life of the nation.

Three hours. M., W., F., 11:15.

24. STUDIES IN SHAKESPEARE'S COMEDIES. This course is open to sophomores who may not elect English 21.

Four hours. M., T., W., Th., 10:15.

35. THE ROMANTIC MOVEMENT. Readings in the poems of Wordsworth, Coleridge, Scott, Byron, Shelley, Keats, with lectures on the age of which they are the chief representatives.

Four hours. T., W., Th., F., 8:00.

41. **ENGLISH RESEARCH.** This course is intended for the advanced student who is capable of doing independent work. To be registered for only by special permission.

One to three hours.

In addition to the courses outlined above Professor Taintor gives a course in Italian Painting with the following number and title:

[38. **ITALIAN ART.** Omitted in 1919-20.]

SECOND QUARTER

22. **ENGLISH LITERATURE IN THE DEVELOPMENT OF THE NATIONAL LIFE.** A continuation of Course 21.

Three hours. M., W., F., 11:15.

33. **SHAKESPEARE'S TRAGEDIES.** This course is open to sophomores who have taken Course 24.

Four hours. M., T., W., Th., 10:15.

36. **THE AGE OF TENNYSON.** Studies in the poetry of Tennyson and Browning.

Four hours. T., W., Th., F., 8:00.

42. **ENGLISH RESEARCH.** This follows Course 41.

One to three hours.

[39. **GREEK MYTHOLOGY IN ENGLISH LITERATURE.** Given as a joint course with Dr. Goodrich.

Omitted in 1919-20.]

THIRD QUARTER

23. **ENGLISH LITERATURE IN THE DEVELOPMENT OF THE NATIONAL LIFE.** Continuation of Course 22.

Three hours. M., W., F., 11:15.

25. **THE AMERICAN POETS.**

Four hours. T., W., Th., F., 8:00.

34. **THE HISTORICAL PLAYS OF SHAKESPEARE.**

Three hours. M., W., F., 10:15.

36. 44. **THE AGE OF MILTON.** Open to juniors who have had Course 35 or

Four hours. M., T., W., Th., 2:15.

43. **ENGLISH RESEARCH.** This follows Course 42.

One to three hours.

HISTORY AND POLITICAL SCIENCE

PROFESSOR MOORE AND PROFESSOR GOODRICH

FIRST QUARTER

11. **MEDIAEVAL AND MODERN EUROPE.** A survey of Europe from the barbarian invasion to the middle of the thirteenth century.

Four hours.

Section 1, M., T., Th., F., 9:00.

Section 2, M., T., Th., F., 2:15.

24. MODERN EUROPEAN GOVERNMENTS. The evolution of the constitutions of important European nations.

Two hours. T., Th., 11:20.

37. CONSTITUTIONAL HISTORY OF ENGLAND, 1500-1688. The Tudor absolutism and the struggle between Stuarts and Parliament. Social and economic developments conditioning the political phases are emphasized.

Two hours. T., Th., 10:20.

[21. EUROPE, 1748-1815. A study of the later phase of the English-French struggle for colonial and commercial supremacy, the French Revolution, the Napoleonic Era, and the origins of the Industrial Revolution.

Four hours. Omitted in 1919-20.]

34. CONTEMPORARY AMERICAN HISTORY, 1896-1918. The emergence of the United States as a world power. The problems of the new age and various policies which have been developed in relation to their solution.

Three hours. M., W., F., 8:00.

[31. AMERICAN HISTORY. The Colonial Period from the age of discovery through the revolution, with special reference to the relations of European powers in the New World, the institutional and social developments in the English Colonies, and the problems of imperial organization.

Three hours. Omitted in 1919-20.]

27. ORIENTAL HISTORY. A review of the civilization of the Nile and Euphrates valley, with emphasis on Semitic philosophy and religion.

Four hours. T., W., Th., F., 2:15.

41. HISTORICAL METHOD. Reports on current writings in history and political science. Papers to be contributed by members of the class. Bibliographical and historiographical study. Open discussion of points that may arise in other courses, where time does not admit of detailed consideration. Current topics of special importance will be discussed. Special emphasis will be given historians who have made contributions to historical method.

Prerequisite: 18 hours in the department. Juniors admitted only by permission of instructor.

One hour. W., 11:20.

[44. COURSE FOR TEACHERS. A study of aims, problems, and methods in the teaching of history. Courses of study will be prepared, lessons planned, texts and reference books discussed, observation required, and actual teaching provided when possible so as to make the course of real value to the student who plans to teach history. Omitted in 1919-20.]

Juniors admitted only by permission of instructor.

SECOND QUARTER

12. MEDIAEVAL AND MODERN EUROPE, 1250-1648. Continuation of Course 11.

Four hours.

Section 1, M., T., Th., F., 9:00.

Section 2, M., T., Th., F., 2:15.

25. PROBLEMS OF MODERN DEMOCRACY. The policies modern governments have developed in attempting a solution of problems growing out of the Industrial Revolution.

Two hours. T., Th., 11:20.

38. CONSTITUTIONAL HISTORY OF ENGLAND, 1688-1800. Continuation of Course 34.

Two hours. T., Th., 10:20.

[22. EUROPE, 1815-1871. Continuation of Course 21. Nationalism and Democracy.

Four hours. Omitted in 1919-20.]

35. CONTEMPORARY AMERICAN PROBLEMS. The federal government; an analysis of party government as developed since 1789.

Three hours. M., W., F., 8:00.

[32. AMERICAN HISTORY, 1800-1865. Continuation of Course 31.

Three hours. Omitted in 1919-20.]

28. GREEK HISTORY. This course will be developed with particular reference to the progress of Greek civilization through the Hellenistic period. Greek life and thought will be studied in political institutions, philosophy, literature and art. Use will be made of slides, photographs and Greek vases.

Four hours. T., W., Th., F., 2:15.

42. HISTORICAL METHOD. Continuation of Course 41. Prerequisite: 18 hours in the department.

One hour. W., 11:20.

[45. COURSE FOR TEACHERS. Continuation of Course 44.

One hour. Omitted in 1919-20.]

THIRD QUARTER

13. MEDIAEVAL AND MODERN EUROPE, 1648-1914. Continuation of Course 12.

Four hours.

Section 1, M., T., Th., F., 9:00.

Section 2, M., T., Th., F., 2:15.

26. PROBLEMS OF MODERN DEMOCRACY. Continuation of Course 25.

Two hours. T., Th., 11:20.

39. CONSTITUTIONAL HISTORY OF ENGLAND, 1800-1918. Continuation of Course 38.

Two hours. T., Th., 10:20.

[23. EUROPE. 1871-1918. Continuation of Course 22. Special emphasis will be given those features of European problems precipitating the Great War.

Four hours. Omitted in 1919-20.]

36. CONTEMPORARY AMERICAN PROBLEMS. Local government. Special emphasis will be given problems of city and town government.

Three hours. M., W., F., 8:00.

[33. AMERICAN HISTORY, 1865-1896. Continuation of Course 32.

Three hours. Omitted in 1919-20.]

29. **ROMAN HISTORY.** Development of the Roman Republic and Empire to the barbarian invasions. Special study will be made of the Roman state life and customs. Slides illustrating Roman architecture and topography and the Ripon College collection of antiquities will be used.

Four hours. T., W., Th., F., 2:15.

43. **HISTORICAL METHOD.** Continuation of Course 42.

Prerequisite: 18 hours in the department.

One hour. W., 11:20.

[46. **COURSE FOR TEACHERS.** Continuation of Course 45. Omitted in 1919-20.]

ECONOMICS AND SOCIOLOGY

PROFESSOR FEHLANDT

ECONOMICS

FIRST QUARTER

21. **THE ECONOMIC HISTORY OF ENGLAND.** Geographic influences in English History. The English village community. Town life and organization—merchant and craft guilds, markets and fairs. Decline of serfdom, the break-up of the mediaeval system. Colonial and trade expansion. The industrial revolution, the factory system, growth of population. Recent problems of governmental control.

Four hours. T., W., Th., F., 10:25.

31. **THE PRINCIPLES OF ECONOMICS.** This course covers in outline the entire economic field—fundamental concepts, the principles of wealth production, exchange, and distribution. Public finance, with principles and methods of taxation. A course indispensable for intelligent citizenship and as a foundation for further specialized study in the economic field.

Four hours. M., T., W., Th., 2:20.

41. **MONEY AND BANKING.** Function and origin of money, historic and present forms. Currency history of the United States, and money problems. Credit and banking. Banking history of the United States, with recent reforms. Banking systems of Canada, England, France, and Germany. The work of Wall Street.

Four hours. M., T., Th., F., 3:15.

SECOND QUARTER

22. **ECONOMIC HISTORY OF THE UNITED STATES.** Natural resources. Economic aspects of American colonization. The epic of westward expansion. Land policies. Outline of tariff, money and banking history. Railroads as empire builders. Development of typical industries. Conservation; recent industrial tendencies and problems of control.

Four hours. T., W., Th., F., 10:25.

32. **MODERN ECONOMIC PROBLEMS.** A continuation of course 31, applying economic principles to the living economic problems of today.

Four hours. M., T., W., Th., 2:20.

42. **BUSINESS ORGANIZATION.** Nature of business enterprise. The various forms of business organization, with special reference to the corporation

—its nature, history, and adaptability to large-scale industry. Problems of capitalization and management. Combination and monopoly. Public control and ownership. Social and legal considerations.

Four hours. M., T., Th., F., 3:15.

THIRD QUARTER

23. **LABOR PROBLEMS.** Historical background of free labor: slavery and serfdom. The industrial revolution: beginnings of modern industrial system and emergence of a distinct wage-earning class. Modern organized labor: its history, program, methods, and achievements. Public interest in industrial disputes. Methods of conciliation. Legislation and outlook.

Four hours. T., W., Th., F., 10:25.

33. **RAILWAY TRANSPORTATION.** Highways as a factor in industrial development. Natural highways and the direction of early settlements in America. The era of the turnpike, the canal, the railroad. Railway development; competition, pools, rate agreements, consolidation, railway systems. Government regulation — successive acts. Abuses in railway management. Problems of capitalization and rates. Relation of state to railways in Europe. The question of Government ownership in the United States.

Four hours. M., T., W., Th., 2:20.

SOCIOLOGY

FIRST QUARTER

37. **THE PRINCIPLES OF SOCIOLOGY.** Man in cosmic evolution. The law of adaptation. Mind as the supreme organ of adaptation in man. Society (human association) as a means of such adaptation. Genesis and development of social institutions. Forces that have entered into the shaping of human society, with possibility of applying basic social principles to conscious human betterment.

Four hours. T., W., Th., F., 9:00.

SECOND QUARTER

38. **PROBLEMS IN APPLIED SOCIOLOGY.** Follows Course 37. Social problems a matter of social adjustment. Analysis and study of present-day problems: the family, growth of population, the city, rural life, crime, poverty, great wealth, the woman's movement, world peace, etc. Socialism in the light of sociology. Organizing social forces for social betterment through scientific and effective methods.

Four hours. T., W., Th., F., 9:00.

THIRD QUARTER

39. **SOCIAL METHODS.** This course deals with activities and methods of social amelioration. The criminal, the delinquent, the defective and backward classes. Principles of correction and relief. Preventive methods; social insurance. Problems of child welfare; vocational guidance and training. The social settlement; the social center. The social survey; the social exhibit. Eugenics and human betterment.

Four hours. T., W., Th., F., 9:00.

43. **AMERICAN SOCIETY.** A study of American characteristics as determined by factors of race, environment and history. Background of colonization and shaping influence of colonial life. Westward expansion and the

conquest of a continent: qualities developed. Economic determinism in American history. European critics of America. Our Hall of Fame. Recent immigration and its influence upon American ideals and traditions. America's mission.

Four hours. M., T., Th., F., 3:15.

[44. A STUDY OF RACES IN EUROPE. This course, the outgrowth of the great war, aims to trace the great movements of peoples in Europe from earliest times; the settlements within later well defined boundaries; national and racial ambitions and tendencies, with resultant friction, wars and changes. This course alternates with Course 43. Omitted in 1919-20.]

MUSIC

PROFESSOR BINTLIFF, MISS DARROW, MRS. READE

MR. KLEIN, MISS THOMAS

The courses in music which may be elected for credit towards the A. B. degree are as follows: Pipe Organ, Violin, Voice, Choral Music, Advanced Harmony, Analysis of Musical Forms, Counterpoint, Appreciation of Music, History of Music. From these twenty hours may be selected for credit, ten of which may be in practical music, that is, individual instruction in Piano, Organ, Violin, or Voice. The work in applied music is open only to juniors and seniors and the approval of the Director of the School of Music must be obtained before registration for college credit. The minimum practice in voice and organ is six hours per week; for piano and violin eight hours per week. The classes in Choral Music, Harmony, Analysis, History of Music are open to any student who has sufficient understanding of music to pursue the work to advantage.

FIRST QUARTER

1. ELEMENTARY THEORY. Sight reading; study of intervals; notation and terminology.

Throughout the year, one hour.

Prerequisite for credit courses.

Hour to be arranged.

10. CHORAL MUSIC. Advanced sight reading.

One hour.

Hour to be arranged.

13. EAR TRAINING. This course is required with 16 and is prerequisite for credit in 16.

Two hours recitation. T., F., 11:20.

16. SCIENCE OF HARMONY. Scales; intervals; chords; inversions.

Prerequisite: Courses 1 and 13.

Two hours. M., Th., 11:20.

20. ANALYSIS OF MUSICAL FORM. A detailed study of form in music, analyzing its development from the figure through the Symphony. Required with 23.

Two hours. Hours to be arranged.

23. COUNTERPOINT. Writing in the various species in two, three, four, and five parts. Imitation; sequences; the invention and fugue in two parts.

Prerequisite: 1, 13, 14, 15, 16, 17, and 18. Required with 20.

Two hours. Hours to be arranged.

30. APPRECIATION OF MUSIC. This course will include the study of the principles of musical form, the development of music into its various branches, the stories of the standard operas and oratorios, and some analytical study of the larger instrumental compositions for piano, violin, and orchestra; such as the sonata, overture and symphony. Lectures and illustrations. The Victrola is used. The purpose of the course is to awaken and develop the faculty of listening. Required with 33.

Two hours. Hours to be arranged.

33. HISTORY OF MUSIC. From the Greeks and Romans to the Bach period.

Two hours. Hours to be arranged.

40. METHODS OF TEACHING PUBLIC SCHOOL MUSIC. This course provides instruction for those students who wish to become teachers or supervisors of music in the Public Schools.

Prerequisite for credit: Courses 1, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 30, 31, 32, 33, 34, 35.

Two hours. Hours to be arranged.

36 & 46. PRACTICAL MUSIC. This course includes individual instruction in violin, voice, piano, or organ. To obtain credit in this course the student must have completed the first and second years of music as prescribed in the courses of the School of Music.

SECOND QUARTER

11. CHORAL MUSIC. Preparation and performance of standard cantatas and oratorios.

Throughout the year. One hour. Hour to be arranged.

14. EAR TRAINING. Continuation of 13. Required with 17 and prerequisite for credit in 17.

Two hours. T., F., 11:20.

17. SCIENCE OF HARMONY. Continuation of 16. Mixed and altered chords; enharmonics, extraneous modulations; extended work in harmonization.

Prerequisite: 1, 13, 14 and 16.

Two hours. M., Th., 11:20.

21. ANALYSIS OF MUSICAL FORM. Continuation of 20.

Prerequisite: 20.

Two hours. Hours to be arranged.

24. COUNTERPOINT. Continuation of 23.

Prerequisite: 23.

Two hours. Hours to be arranged.

31. APPRECIATION OF MUSIC.

Two hours. Hours to be arranged.

34. HISTORY OF MUSIC. Continuation of 33. From the Bach period through the Classical and Romantic periods.

Two hours. Hours to be arranged.

41. METHODS OF TEACHING PUBLIC SCHOOL MUSIC.

Prerequisite: 40.

37 & 47. PRACTICAL MUSIC. Continuation of 36 and 46.

THIRD QUARTER

12. CHORAL MUSIC. Continuation of 11.

Throughout the year. One hour. Hour to be arranged.

15. EAR TRAINING. Continuation of 14. Required with 18 and prerequisite for credit in 18.

Two hours. T., F., 11:20.

18. SCIENCE OF HARMONY. Continuation of 17.

Prerequisite: 1, 13, 14, 15, 16 and 17.

Two hours. M., Th., 11:20.

22. ANALYSIS OF MUSICAL FORM. Continuation of 21.

Prerequisite: 20 and 21.

Two hours. Hours to be arranged.

25. COUNTERPOINT. Continuation of 24.

Two hours. Hours to be arranged.

32. APPRECIATION OF MUSIC. Continuation of 31.

Two hours. Hours to be arranged.

35. HISTORY OF MUSIC. From the Romantic period to the Ultra-modernists. Continuation of 34.

Two hours. Hours to be arranged.

42. METHODS OF TEACHING PUBLIC SCHOOL MUSIC. Continuation of 41.

Two hours. Hours to be arranged.

38 & 48. PRACTICAL MUSIC. Continuation of 37 and 47.

MATHEMATICS

PROFESSOR WOODMANSEE

FIRST QUARTER

11. ALGEBRA. The course begins with a brief review of the topics covered by the college entrance requirements in algebra. The remainder of the course is given to the study of the properties of quadratic equations, with special emphasis upon their graphical interpretation; mathematical induction; variation; progressions; permutations and combinations; binomial theorem; the general theory of equations with one unknown; the elements of determinants; complex numbers and undertermined coefficients.

Four hours.

Section 1, M., T., Th., F., 10:25.

Section 2, M., T., W., Th., 3:15.

13. **MECHANICAL DRAWING.** Use of instruments; graphical solution of conic sections; orthographic projection; free hand perspective; development of surfaces; intersection of surfaces; working drawings; lettering; tracing; machine design. A year course. Continued in second and third quarters.

Three hours. M., T., Th., 2:15-4:15.

27. **ESSENTIALS OF CALCULUS.** Rates and limits; rules for differentiation; tangents and normals; maxima and minima; points of inflection; theorems of mean value; Taylor's theorem; curvature; definite and indefinite integrals; rules for integration; applications to finding volumes, center of gravity, moments of inertia, etc.

Prerequisite: Mathematics 18.

Five hours. M., T., W., Th., F., 9:00.

29. **ADVANCED CALCULUS.** This course supplements Mathematics 27, 28, and is devoted to the more advanced and difficult topics of the subject. Special attention is given to such topics as infinitesimals and differentials; partial differentiation; definite integrals over curves, surfaces and volumes; maxima and minima of two or more variables. One-half year course.

Prerequisite: Mathematics 27, 28.

Three hours. M., W., F., 11:20.

[42. **THEORETICAL MECHANICS.** Statics; motion of a particle under constant or varying forces; work and energy; motion of systems of particles under constant or varying forces; motion of rigid bodies.

Prerequisite: Mathematics 27, 28.

A year course. Alternating with Courses 29, 33.

Three hours. Omitted in 1919-20.]

21. **DESCRIPTIVE GEOMETRY.** Problems relating to the point, line and plane, revolution and counter-revolution of objects; curved lines and surfaces; tangent planes; plane sections and development of surfaces.

One recitation and four hours' drawing.

Prerequisite: Mathematics 13.

Three hours. M., T., Th., 2:15-4:15.

SECOND QUARTER

12. **PLANE TRIGONOMETRY.** This course covers the elementary theory of trigonometric functions and the elements of logarithms.

Four hours.

Section 1, M., T., Th., F., 10:25.

Section 2, M., T., W., Th., 3:15.

14. **MECHANICAL DRAWING.** A continuation of Course 13.

Three hours. M., T., Th., 2:15-4:15.

28. **ESSENTIALS OF CALCULUS.** A continuation of Course 27.

Five hours. M., T., W., Th., F., 9:00.

30. **ADVANCED CALCULUS AND DIFFERENTIAL EQUATIONS.** For the first half of the term the class will continue course 29 of the first quarter, and the second half, Course 33 of the third quarter.

Three hours. M., W., F., 11:20.

22. **DESCRIPTIVE GEOMETRY.** Continuation of Course 21.

Two hours. T., Th., 2:15-4:15.

THIRD QUARTER

18. **ANALYTICAL GEOMETRY.** The point; loci; the straight line; transformation of co-ordinates; the circle; conic sections, including a discussion of the general equation of the second degree; transcendental curves; parametric equations. A brief course on the Analytical Geometry of three dimensions.

Prerequisite: Mathematics 11 and 12.

Five hours.

Section 1, M., T., W., Th., F., 10:25.

Section 2, M., T., W., Th., F., 3:15.

29. **ADVANCED CALCULUS.** This course supplements Mathematics 27, 28, and is devoted to the more advanced and difficult topics of the subject. Special attention is given to such topics as infinitesimals and differentials; partial differentiation; definite integrals over curves, surfaces and volumes; maxima and minima of two or more variables.

Prerequisites: Mathematics 27, 28.

Five hours. M., T., W., Th., F., 9:00.

33. **DIFFERENTIAL EQUATIONS.** Derivation of differential equations; differential equations of first order and first degree; differential equations of first order and higher degrees; singular solutions; linear differential equations; special forms of differential equations of higher orders; simultaneous differential equations; geometric and physical applications; Fourier series; infinite series.

Prerequisites: Mathematics 27, 28.

Continuation of second half of second quarter.

Three hours. M., W., F., 11:20.

35. **PLANE SURVEYING.** This course is intended to fit the needs of those students who wish a general course in surveying. A study of the theory of land surveying, leveling, profile, triangulation and topographical work will be given. Practice in the use and adjustment of instruments. Care in proper field notes and office platting will be emphasized.

Prerequisite: Mathematics 12.

Five hours. T., Th., 11:20.

Field work to be arranged.

15. **MECHANICAL DRAWING.** A continuation of first and second quarter courses.

Three hours. M., T., Th., 2:15-4:15.

BOTANY AND ZOOLOGY

PROFESSOR GROVES

Courses 11, 12, and 13 constitute a minor requirement in botany and 14, 15 and 16 constitute a minor requirement in zoology. The courses in bacteriology and human physiology may be united with those in botany or zoology to form a major requirement.

FIRST QUARTER

11. **GENERAL BOTANY.** Courses 11, 12 and 13 constitute a year's work in morphology and physiology of plants. Typical forms from the various groups are studied in detail. Experiments are performed illustrating the

various processes in growth. A part of course 13 is devoted to laboratory and field work in ecology and taxonomy.

Four hours. M., W., 10:20; Laboratory, T., Th., 10:20-12:15.

14. **GENERAL ZOOLOGY.** Courses 14, 15 and 16 constitute a year's work in general zoology. They are intended to give the student an idea of anatomy, physiology, embryology and taxonomy of animal life. Dissections and drawings in the laboratory are supplemented by a few field trips which enable the student to study the habitats of our native fauna first hand.

Four hours. T., Th., 10:20; Laboratory, M., W., 10:20-12:15.

21. **PLANT PHYSIOLOGY.** A study is made of nutrition, growth, respiration, irritability, reproduction and other activities of the living plant.

Five hours. W., F., 9:00; Laboratory, M., W., F., 8:00-10:00.

22. **ENTOMOLOGY.** In this course a study is made of the distinguishing characteristics of the more important orders of insects. Attention is given to adaptations, life histories and methods of control of insects harmful to cereal crops, animals and man.

Five hours. T., Th., 9:00; Laboratory, M., W., F., 8:00-10:00.

31. **BACTERIOLOGY.** This course is intended to familiarize the student with the biology of the bacteria in their general relations. Attention is given to bacteriological technique and analysis, to the physiological activities of micro-organisms and to the classification of these forms.

Five hours. T., Th., 1:15; Laboratory, M., W., F., 1:15-3:15.

41. **ORGANIC EVOLUTION.** (Botany or Zoology.) This course consists of a study of the various theories which seek to explain the origin of species. A study is made of the lines along which evolution has proceeded. Lectures and reports.

Three hours. Hours to be arranged.

37. **JOURNAL CLUB.** A course to put the advanced student in touch with the biological research of the day. Reviews of the work reported in the current magazines are brought before the club for discussion.

One hour. Hour to be arranged.

47. **BIOLOGICAL PROBLEMS.** Advanced students may select work along some special line of interest, in botany, zoology, bacteriology or human physiology, and receive credit in proportion to the amount and character of the work done.

Hours to be arranged.

SECOND QUARTER

12. **GENERAL BOTANY.** A continuation of Course 11.

Four hours. M., W., 10:20; Laboratory, T., Th., 10:20-12:15.

14. **GENERAL ZOOLOGY.** A continuation of Course 14.

Four hours. T., Th., 10:20; Laboratory, M., W., 10:20-12:15.

23. **HISTOLOGY.** (Botany or Zoology.) A study is made of the microscopic character of the various tissues and organs of plants and animals. Practice in the technique of making histological preparations and their subsequent examination. This course is adapted for teachers and medical students.

Prerequisite: One year's work in zoology or botany.

Five hours. T., Th., 9:00; Laboratory, M., W., F., 8:00-10:00.

42. HEREDITY. (Botany or Zoology.) A lecture course discussing the facts and laws influencing variation and heredity, with special emphasis on the Mendelian principles and their modern development in both the plant and animal kingdom. Some time is given to principles of plant and animal breeding and to eugenics.

Prerequisites: One year of zoology or botany.

Three hours. Hours to be arranged.

32. PUBLIC HEALTH AND SANITATION. A study is made of public conditions affecting health and disease. Some attention is given to the various groups of pathogenic bacteria and to modes of infection and methods of control. Each student will select a topic of special interest for laboratory and library investigation.

Five hours. T., Th., 1:15; Laboratory, M., W., F., 1:15-3:15.

38. JOURNAL CLUB. A continuation of Course 37.

One hour. Hours to be arranged.

48. BIOLOGICAL PROBLEMS. A continuation of Course 42.

Three hours. Hours to be arranged.

THIRD QUARTER

13. GENERAL BOTANY. A continuation of Course 12.

Four hours. M., W., 10:20; Laboratory, T., Th., 10:20-12:15.

16. GENERAL ZOOLOGY. A continuation of Course 15.

Four hours. T., Th., 10:20; Laboratory, M., W., 10:20-12:15.

33. HUMAN PHYSIOLOGY. Attention will be given to the fundamental principles underlying the functions of the body. Special emphasis in the laboratory will be given to nutrition, respiration and the reaction of muscle and nerve tissues. to stimuli.

Five hours. T., Th., 1:15; Laboratory, M., W., F., 1:15-3:15.

24. PLANT PATHOLOGY. A study of the diseases of plants. The relationships of the fungi and the bacteria that attack plants, their life histories and methods leading to their control are studied both in the classroom and in the laboratories.

Prerequisite: One year of botany work.

Five hours. W., F., 9:00; Laboratory, M., W., F., 8:00-10:00.

25. EMBRYOLOGY. Work is confined to the embryology of the vertebrates, the chick serving as the chief type. The laboratory is provided with an incubator. The making of preparations from the egg at the different stages of development is part of the student's work in this course.

Prerequisite: Histology.

Five hours. T., Th., 9:00; Laboratory, M., W., F., 8:00-10:00.

43. COURSE FOR TEACHERS. This course is designed especially to meet the needs of students who expect to teach botany or zoology in secondary schools.

Three hours. Hours to be arranged.

39. JOURNAL CLUB. A continuation of Course 38.

One hour. Hours to be arranged.

49. BIOLOGICAL PROBLEMS. A continuation of Course 43.

Hours to be arranged.

CHEMISTRY

PROFESSOR BARKER

A four-year course in chemistry is offered. The work of the department has been organized with the idea that a thorough knowledge of purely scientific chemistry is the best basis for future specialization in any branch of the subject. The following courses are, therefore, adapted not only for prospective chemists but also for those intending to become teachers, engineers, physicians, pharmacists, or agriculturists. The elementary courses may be taken with profit by those who have none of these ends in view, but who recognize chemistry as an important part of a liberal education and who wish to pursue it as a means of general culture.

FIRST QUARTER

11. **GENERAL CHEMISTRY.** A study of elementary inorganic chemistry, including fundamental laws and theories, and non-metallic elements and their compounds. Lectures, recitations, laboratory work.

Prerequisite: Elementary Physics.

Five hours. Section 1, M., T., Th., 1:15; Section 2, M., W., F., 1:15; Laboratory, Section 1, W., F., 1:15-3:15; Section 2, T., Th., 1:15-3:15.

21. **QUANTITATIVE ANALYSIS.** The theory and practice of typical gravimetric analyses; stoichiometrical relations; and the application of the fundamental laws of chemistry to quantitative analysis. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 17.

Four hours. Th., 9:00; Laboratory, M., W., F., 8:00-10:00.

31. **ORGANIC CHEMISTRY.** An introduction to the study of the compounds of carbon, with especial reference to the Aliphatic Series. In the laboratory typical hydro-carbons and their derivatives will be made and their reactions studied. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 23.

Five hours. M., W., F., 11:20; Laboratory, S., 8:00-12:00.

40. **ADVANCED QUALITATIVE ANALYSIS.** A course designed especially for students who have had three years of chemistry. In the classroom special attention will be given to the application of the laws of equilibrium and solution.

Three hours. Laboratory, M., W., F., 8:00-10:00.

SECOND QUARTER

12. **GENERAL CHEMISTRY.** A continuation of Chemistry 11. The metallic elements and their compounds. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 11.

Five hours. Section 1, M., T., Th., 1:15; Section 2, M., W., F., 1:15; Laboratory, Section 1, W., F., 1:15-3:15; Section 2, T., Th., 1:15-3:15.

22. **QUANTITATIVE ANALYSIS.** A continuation of Chemistry 21. Further exercises in gravimetric analysis, followed by volumetric analysis of simple compounds. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 21.

Four hours. Th., 9:00; Laboratory, M., W., F., 8:00-10:00.

32. ORGANIC CHEMISTRY. A continuation of Chemistry 31, with especial reference to the mixed compounds and carbohydrates. Lectures, recitations, laboratory work.

Prerequisites: Chemistry 31.

Five hours. M., W., F., 11:20; Laboratory, S., 8:00-12:00.

41. ADVANCED QUANTITATIVE ANALYSIS. Special methods of analysis, including electro-analysis.

Three hours. Laboratory, M., W., F., 8:00-10:00.

THIRD QUARTER

17. QUALITATIVE ANALYSIS. A continuation of Chemistry 12. The class room work will be devoted to a further consideration of the metals. In the laboratory, the qualitative analysis of simple mixtures will be taken up. Lectures, recitations, laboratory work.

Prerequisites: Chemistry 12.

Five hours. Section 1, T., Th., 1:15; Section 2, W., F., 1:15; Laboratory, Section 1, M., W., F., 1:15-3:15; Section 2, T., Th., 1:15-3:15, S., 10:00-12:00.

23. QUANTITATIVE ANALYSIS. A continuation of Chemistry 22. Further work in volumetric analysis. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 22.

Four hours. Th., 9:00; Laboratory, M., W., F., 8:00-10:00.

33. ORGANIC CHEMISTRY. A continuation of Chemistry 32. The Aromatic Series. Lectures, recitations, laboratory work.

Prerequisite: Chemistry 32.

Five hours, M., W., F., 11:20; Laboratory S., 8:00-12:00.

42. ADVANCED QUANTITATIVE ANALYSIS. Standard methods of water and food analysis.

Three hours. Laboratory, M., W., F., 8:00-10:00.

PHYSICS

PROFESSOR BARBER

FIRST QUARTER

11. ELEMENTARY PHYSICS. An introductory course in physics for students who wish to become acquainted with the results, methods, and spirit of the science, whether they intend to pursue its study further, or wish an elementary knowledge of physics only as a matter of general information. This course is arranged primarily for students whose major subject is not science. The physical interpretation of principles is emphasized. College mathematics is not required.

Three hours. Arranged on consultation.

21. GENERAL COLLEGE PHYSICS. Fundamental principles of physical science for those contemplating the study of any pure science, or engineering, or medicine, or teaching, or agriculture, are presented mainly from the experimental standpoint. The instruction in lectures, recitations, quizzes, problem papers and private readings is entirely concerned with the principles studied in the laboratory and the practical applications of the same. In this manner, a thorough grasp of foundation principles is obtained by continually connecting theory and experiment.

The laboratory work is exclusively quantitative, the aim being to present the subject as a science of exact measurement. The apparatus is all modern, and much of it but recently designed for this particular line of work. With it, the student is put in touch with the methods and instruments of modern physical investigation.

Prerequisite: Trigonometry.

General reference text: Watson, "Physics," or Spinney, "A Text-book of Physics."

Text-book: Millikan, "Mechanics, Molecular Physics and Heat."

Five hours. T., Th., 1:15; Laboratory, M., W., F., 1:15-3:15.

31. **ADVANCED COURSE IN HEAT AND MOLECULAR PHYSICS.** The aim of this course is to give a comprehensive view of the science of heat in its theoretical aspect, including the elementary principles of Thermodynamics. It has been found to be of especial value as an introduction to the graduate courses in physical chemistry and mechanical engineering as offered in the universities and technical schools.

Prerequisite: Courses 21, 22 and 23. Calculus is advised but not required.

Text-books: Edser, "Heat for Advanced Students."

Reference text: Preston, "Theory of Heat."

Course 35 and 37 are designed to accompany this course.

Four hours. M., T., W., Th., 9:00.

35. **EXPERIMENTAL PHYSICS (Advanced):** Molecular Physics and Heat. The laboratory exercises consist of exact measurements in mercurial, air and resistance thermometry, calorimetry, mechanical equivalent of heat, coefficients of expansion and conductivity, molecular and electrical conductivities, coefficients of friction of liquids, vapor pressures and densities, freezing and boiling points, latent and specific heats, conductivity, hygrometry, pyrometry, radioactive constants, etc. Particular attention will be given to the errors peculiar to heat measurements and the elimination of the same.

Prerequisite: Courses 21, 22 and 23.

Two or more hours. Laboratory, T., Th., 2:15-4:15 or S., 8:00-12:00.

38. **COLLOQUIUM.** At the weekly meetings the students present before the class, for informal discussion, subjects not treated in the class room, and reviews of articles appearing in the scientific journals. The course also aims to teach the student the efficient use of a reference library, and of the various indexes and catalogues. Each student is required to prepare a bibliography of some one physical subject. The work of the colloquium has an excellent effect in training students to present their ideas in a systematic manner before an auditory.

Open only to students who take their major in Science.

One hour. T., 3:15.

[41. **MATHEMATIC THEORY OF ELECTRICITY AND MAGNETISM.** This course discusses the fundamental principles of the mathematical theory of electricity and magnetism and their more important applications. It covers a wide range of general knowledge in electricity and magnetism and is required of students expecting to do graduate work in physics or electrical engineering. The text-book is supplemented by lectures.

Prerequisite: Courses 21, 22 and 23.

Text-book: Starling, "Electricity and Magnetism."

Course 45 is designed to accompany this course.

Three hours. Omitted in 1919-20.]

45. **EXPERIMENTAL PHYSICS (ADVANCED); ELECTRICITY AND MAGNETISM.** A laboratory course of systematic instruction in precise electrical measurements for students of Physics and Electrical Engineering.

Prerequisite: Courses 21, 22, and 23 and Calculus.

Text-books: Carhart and Patterson, "Electrical Measurements." Charles M. Smith, "Electric and Magnetic Measurements."

Two or more hours. Laboratory, T., Th., 2:15-4:15 or S., 8:00-12:00.

SECOND QUARTER

12. **ELEMENTARY PHYSICS.** A continuation of Course 11.

Three hours as in Course 11.

22. **GENERAL COLLEGE PHYSICS.** A continuation of Course 21.

Text-book: Millikan and Mills, "Electricity, Sound and Light."

Five hours as in course 21. T., Th., 1:15; Laboratory, M., W., F., 1:15-3:15.

32. **ADVANCED COURSE IN LIGHT.** Geometrical and Physical Optics will be treated in detail. Under the former head, some of the most important optical instruments will be studied; under the latter, the wave theory of light will be developed.

This course aims to be a practical and useful study of optics, as well as to give careful scientific explanation of many optical phenomena of common experience. Spectroscopy, diffraction, dispersion, interference, and polarization will be discussed thoroughly in lecture and recitation, and this discussion followed by accurate measurements in the laboratory, which is thoroughly equipped for this work.

Prerequisite: Courses 21 and 22. Calculus is advised but not required.

Text-book: Edser, "Light for Students."

Reference text: Preston, "The Theory of Light."

Courses 36 and 37 are designed to accompany this course.

Four hours. M., T., W., Th., 9:00.

36. **EXPERIMENTAL PHYSICS (ADVANCED); LIGHT.** A course of advanced laboratory work in Light, consisting of accurate measurements in diffraction, dispersion, interference, and polarization.

Prerequisite: Courses 21, 22 and 23. Calculus is advised but not required.

Two or more hours. Laboratory, T., Th., 2:15-4:15 or S., 8:00-12:00.

39. **COLLOQUIUM.** A continuation of Course 38.

One hour. T., 3:15.

[42. **MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM.** A continuation of Course 41.

Three hours as in Course 41. Omitted in 1919-20.]

46. **EXPERIMENTAL PHYSICS [(ADVANCED); ELECTRICITY AND MAGNETISM.**

A continuation of Course 45.

Two or more hours as in Course 45.

Laboratory, T., Th., 2:15-4:15 or S., 8:00-12:00.

THIRD QUARTER

13. **ELEMENTARY PHYSICS.** A continuation of Course 12.

Three hours as in Course 12.

23. **GENERAL COLLEGE PHYSICS.** A continuation of Course 22.

Five hours as in Course 22. T., Th., 1:15; Laboratory, M., W., F., 1:15-3:15.

37. **EXPERIMENTAL PHYSICS (ADVANCED); ADVANCED LABORATORY PRACTICE.**

Prerequisite: Courses 31 and 32.

Four or five hours. Laboratory, T., Th., 2:15-4:15; S., 8:00-12:00.

40. **HISTORY OF PHYSICS.** A course devoted to readings and discussions, in order that the student may become acquainted with the historical development of Physics. A continuation of Course 39.

Open only to juniors and seniors in Physics.

Text-book: Cajori, "History of Physics."

Reference text: Whewell, "History of the Inductive Sciences."

One hour. T., 3:15.

[43. **MATHEMATICAL THEORY OF ELECTRICITY AND MAGNETISM.** A continuation of Course 42.

Three hours as in Course 42. Omitted in 1919-20.]

47. **EXPERIMENTAL PHYSICS (ADVANCED); ELECTRICITY AND MAGNETISM.** A continuation of Course 46.

Two or more hours as in Course 46.

Laboratory, T., Th., 2:15-4:15 or S., 8:00-12:00.

PHYSICAL EDUCATION

MR. MCCRORY; MISS PLUMMER

FOR MEN. (Mr. McCrory.) The work of this department is organized under the heads of representatives on teams, gymnasium work, and physical training. The department endeavors to set before the student ideals of clean sport and give a knowledge of and practice in the most approved principles of physical education and organized athletic activity. All men in the college are expected to take part in some form of athletics if they are physically able. Students with specific defects will be given prescribed corrective work.

The regular work of the department is divided into three periods: fall, winter, spring.

1. **FALL.** Physical examinations. Elementary football practice: falling on the ball, charging, tackling, punting, catching punts, simple formations and signal practice. Intercollegiate football. Tennis, Track. Cross country running.

2. **WINTER.** Basket-ball, track, gymnasium work.

3. **SPRING.** Track, baseball, tennis.

FOR WOMEN. (Miss Plummer.) The department aims at the promotion of bodily health and strength, the correction of faulty postures, relaxation from mental work, and the development of precision, alertness, and grace of movement. It includes (A) Lectures on hygiene, including the following

subjects: Personal Hygiene, School Hygiene, Civic Hygiene, Sex Hygiene; (B) Physical training, including tactics and figure marching, free exercises with and without apparatus, folk dancing, esthetic gymnastics, apparatus work, games and plays, tennis, cross country walks.

Note: Each student is required to provide herself with a gymnasium suit consisting of the following articles: white middy blouse, black tie, bloomers of black serge, black stockings, and black slippers.

1. COURSE FOR FRESHMAN.

Two hours. T., Th., 2:15.

2. COURSE FOR SOPHOMORES.

Prerequisite: Course 1.

Two hours, T., Th., 3:15.

3. COURSE OPEN TO JUNIORS AND SENIORS. Special attention is given to those who wish to become teachers. Practice teaching. Observation work in the public schools.

Prerequisite: Courses 1 and 2.

One hour. T., 4:15.

4. PLAY HOUR FOR FRESHMAN AND SOPHOMORES.

One hour. Th., 4:15.

LIBRARY SCIENCE

MISS HARGRAVE

SECOND QUARTER

42. LIBRARY COURSE FOR TEACHER-LIBRARIANS.

The purpose of the course is to qualify prospective teachers for supervision of school libraries. It is offered to meet the demand of the State Department of Public Instruction, that, beginning with the school year 1919-1920, every high school employ a teacher-librarian.

Classification, cataloguing, book selection, reference work, library economy, administration, etc., will be studied. Students will do practice work in the library.

The course is open to juniors and seniors who intend to teach.

Three hours. M., W., F., 10:20.

THIRD QUARTER

43. LIBRARY COURSE FOR TEACHER-LIBRARIANS. Continuation of second quarter course.

Three hours. M., W., F., 10:20.

ELEMENTARY LAW

MR. PEDRICK

FIRST QUARTER

1. A study of the nature of law, its kinds and courses, the social utility of law and fundamental rights and obligations. Torts, contracts, crimes.

The work is based on the text of Hall's Fishback's Elementary Law. The purpose is to arouse and stimulate an interest rather than to prepare for professional study.

Not open to Freshman.

Two hours. T., Th., 9:00.

SECOND QUARTER

2. Continuation of Course 1, principally in the field of public law courts, remedies, etc.

Two hours. T., Th., 9:00.

THIRD QUARTER

3. Continuation of Course 2.

Two hours. T., Th., 9:00.

MILITARY SCIENCE AND TACTICS

CAPTAIN OSTERMAIER

The courses given in this department are those outlined by the United States government for the Reserve Officers' Training Corps.

FIRST QUARTER

11. MILITARY ART. (A) Practical: Physical drill including the school of the soldier, squad and company, close and extended order. Preliminary instruction, sighting position and aiming drills, gallery practice, nomenclature and care of rifle and equipment. (B) Theoretical: Theory of target practice, individual and collective; military organization, map reading, service of security, personal hygiene.

Three hours. M., T., W., Th., F., 8:00.

21. MILITARY ART. (A) Practical: same as course 12. Combat firing, collective firing. (B) Theoretical: United States Infantry drills, regulations, including school of battalion and combat, small-arms firing regulations, lectures as in (B) Course 11, map reading, camp sanitation and camping expedients.

Three hours. M., T., W., Th., F., 8:00.

31. MILITARY ART. (A) Practical: Duties consistent with rank as cadet officers or noncommissioned officers in connection with the practical work and exercises laid down for the unit or units, military sketching. (B) Theoretical: Minor tactics, field orders, map maneuvers, company administration, military history.

Five hours. T., Th., 8:00 and M., W., F., 8:00 or 11:20 or 3:15.

41. MILITARY ART. (A) Practical: Same as (A) Course 31. (B) Theoretical: Tactical problems, small forces, all arms combined, map maneuvers, court-martial proceedings. International relations of America. Lectures: Psychology of war and kindred subjects. General principles of strategy.

Five hours. T., Th., 8:00 and M., W., F., 8:00 or 11:20 or 3:15.

SECOND QUARTER

12. MILITARY ART. (A) Practical: Physical drill, infantry drill including school of Battalion, special attention being devoted to fire direction and con-

trol, ceremonies, manuals, first aid instructions, range and gallery practice. (B) Theoretical: Lectures, general military policy shown by military history of United States and military obligations of citizenship, service of information, combat, United States infantry drill regulations, including school of company, camp sanitation for small commands.

Three hours. M., T., W., Th., F., 8:00.

22. MILITARY ART. (A) Practical: Same as (A) Course 12, signaling, semaphore and flag; first-aid. Work with sand table by constructing to scale intrenchments, field works, obstacles, bridges, etc. Comparison of ground forms [with terrain as represented on map, range practice. (B) Theoretical: Lectures, military history (recent), service of information and security, marches and camps.

Three hours. M., T., W., Th., F., 8:00.

32. MILITARY ART. (A) Practical: Same as (A) Course 31, military sketching. (B) Theoretical: Minor tactics (continued), map maneuvers, elements of international law, property accountability, method of obtaining supplies and equipment.

Five hours. T., Th., 8:00 and M., W., F., 8:00 or 11:20 or 3:15.

42. MILITARY ART. (A) Practical: Same as (A) Course 41. (B) Theoretical: Tactical problems (continued), map maneuvers, rifle in war. Lectures on military history and policy.

Five hours. T., Th., 8:00 and M., W., F., 8:00 or 11:20 or 3:15.

THIRD QUARTER

13. MILITARY ART. (A) Practical. (B) Theoretical. Continuation of Course 12.

Three hours. M., T., W., Th., F., 8:00.

23. MILITARY ART. (A) Practical. (B) Theoretical. Continuation of Course 22.

Three hours. M., T., W., Th., F., 8:00.

33. MILITARY ART. (A) Practical. (B) Theoretical. Continuation of Course 32.

Five hours. T., Th., 8:00 and M., W., F., 8:00 or 11:20 or 3:15.

43. MILITARY ART. (A) Practical. (B) Theoretical. Continuation of Course 42.

Five hours. T., Th., 8:00 and M., W., F., 8:00 or 11:20 or 3:15.

SCHEDULE OF RECITATIONS

FIRST QUARTER 1919-1920

Department	Course	Title	M	T	W	Th	F	S
World Literature	11	World Literature	3		3			
Biblical Literature	14	Old Testament	9		9			
Dr. Culbertson	17	New Testament	11		11			
	31	Prophetic Literature	2		2	2		
Philosophy	P21	Method of Nature	11	11	11	11	11	
and	P31	Ancient Philosophy		9	9	9		
Education	E34	Psychology	3		3		3	
Dr. Mutch	E37	History of Education	10		10		10	
Classics	G1	Beginning Greek	9	9	9	9		
Dr. Goodrich	G21	Plato	8		8		8	
and	L1	Course for Beginners	3	3	3	3	3	
Professor	L4	Cicero-Virgil	11	11	11	11		
Van Harlingen	L11	Horace	1	1		1	1	
	L31	Tacitus	9		9		9	
	*L39	Journal Club						
German	1	Course for Beginners	2	2	2		2	
Professor	11	Freshman German	10	10	10	10		
Van Harlingen	21	Sophomore German	8		8		8	
	31	Classical Literature		3		3	3	
	41	Teachers		1		1		
	11	Elementary						
		Section 1	10	10		10	10	
		Section 2	1	1	1	1		
French	21	Sophomore	11		11		11	
Associate	31	Junior	3		3		3	
Professor Heise	44	Teachers French	9		9		9	
	41	Senior French	8		8		8	
	25	Conversation					11	
	11	Elementary	3	3	3	3		
Spanish	21	Sophomore	11		11		11	
Professor Schons	31	Conversation	9		9		9	
	41	Nineteenth Century						
		Literature	1		1		1	
English Compo-	C1	Introductory						
sition and		Section 1	9	9	9	9	9	
Public Speaking		Section 2	10	10	10	10	10	
		Section 3	1	1	1	1	1	

*Hours to be arranged

FIRST QUARTER 1919-1920—CONTINUED

Department	Course	Title	M	T	W	Th	F	S
Professor Boody	C11	Freshman						
Associate Professor		Section 1	9	9	9	9	9	
Graham and		Section 2	1	1	1	1	1	
Miss Mooney		Section 3	2	2	2	2	2	
	C21	Advanced	2		2		2	
	C25	Public Speaking		1	1	1		
	*C30	Newspaper Writing						
	*C35	Debating						
<hr/>								
English Literature Professor Taintor	21	English Literature	11		11		11	
	24	Shakespeare's Comedies	10	10	10	10		
	35	Romantic Movement		8	8	8	8	
	*41	English Research						
<hr/>								
History and Political Science Professor Moore	21	Mediaeval & Modern						
		Section 1	9	9		9	9	
		Section 2	2	2		2	2	
	24	European Governments		11		11		
	37	Constitutional History of England		10		10		
	34	American	8		8		8	
	27	Oriental History		2	2	2	2	
	41	Historical Method			11			
<hr/>								
Economics and Sociology Professor Fehlandt	E21	History of England	10		10	10	10	
	E31	Principles	2	2	2	2		
	E41	Money and Banking	3	3		3	3	
	S37	Principles		9	9	9	9	
<hr/>								
Mathematics Professor Woodmansee	11	Algebra						
		Section 1	10	10		10	10	
		Section 2	3	3	3	3		
	13	Mechanical Drawing	2-4	2-4		2-4		
	27	Calculus	9	9	9	9	9	
	29	Advanced Calculus	11		11		11	
	21	Descriptive Geometry	2-4	2-4		2-4		
<hr/>								
Biology and Zoology Dr. Groves	B11	General Botany	10		10			
		Laboratory		10-12		10-12		
	Z14	General Zoology		10		10		
		Laboratory	10-12		10-12			
	21	Plant Physiology			9		9	
		Laboratory	8-10		8-10		8-10	
	22	Entomology		9		9		
		Laboratory	8-10		8-10		8-10	
	31	Bacteriology		1		1		
		Laboratory	1-3		1-3		1-3	
	*41	Organic Evolution						
	*37	Journal Club						
	*47	Biological Problems						

*Hours to be arranged

SCHEDULE OF RECITATIONS

123

FIRST QUARTER 1919-1920 — CONTINUED

Department	Course	Title	M	T	W	Th	F	S
Chemistry Professor Barker	11	General Chemistry Section 1						
		Rec.	1	1		1		
		Laboratory			1-3		1-3	
		Section 2						
		Rec.	1		1		1	
		Laboratory		1-3	1-3			
	21	Quantitative				9		
Physics Professor Barber		Laboratory	8-10		8-10		8-10	
	31	Organic	11		11		11	
		Laboratory					8-12	
	40	Advanced Qualitative Analysis						
		Laboratory	8-10		8-10		8-10	
Physics Professor Barber	21	General Physics Laboratory		1		1		
	31	Advanced Heat	1-3	9	1-3	9		1-3
	35	Experimental Laboratory		2-4		2-4		
		or						8-12
	38	Colloquium		3				
	45	Electricity and Magnetism Laboratory		2-4		2-4		
		or						8-12
Physical Education Women Miss Plummer	1	Freshmen		2		2		
	2	Sophomores		3		3		
	3	Juniors and Seniors		4				
	4	Playhour for Freshmen and Sophomores					4	
Law Mr. Pedrick	1	Elementary Law		9		9		
Military Science and Tactics Captain Oster- maier	11	Military Art		8	8	8	8	8
	21	Military Art		8	8	8	8	8
	31	Military Art	{	8		8		8
	41	Military Art		11	8	11		11
				or 3		or 3		or 3

SECOND QUARTER 1919-1920

Department	Course	Title	M	T	W	Th	F	S
World Literature	12	World Literature		3		3		
Biblical Literature	15	Old Testament		9		9		
Dr. Culbertson	18	New Testament		11		11		
	32	History of Religion		2	2	2		

*Hours to be arranged

SECOND QUARTER 1919-1920 — CONTINUED

Department	Course	Title	M	T	W	Th	F	S
Philosophy and Education	P22	Philosophical Introduction		11	11	11	11	
	P32	Modern Philosophy		9	9	9		
Dr. Mutch	E35	Applied Psychology	3		3		3	
	E38	Pedagogy	10		10		10	
Classics	G2	Course for Beginners	9	9	9	9		
	G22	Plato	8		8		8	
Dr. Goodrich and Professor	L2	Course for Beginners	3	3	3	3	3	
Van Harlingen	L5	Cicero-Virgil	11	11	11	11		
	L12	Horace	1	1		1		1
	L32	Roman Satire	9		9		9	
	*L40	Journal Club						
German Professor	2	Course for Beginners	2	2		2	2	
Van Harlingen	12	Freshman	10	10	10	10		
	22	Sophomore	9		9		9	
	32	Junior		3		3	3	
	42	Teachers		1		1		
	12 ₁	Elementary Section 1	10	10		10	10	
		Section 2	1	1	1	1		
French Associate Professor	22	Sophomore	11		11		11	
	32	Junior	3		3		3	
Heise	45	Teachers	9		9		9	
	24	Phonetics		2		2		
	42	Senior	8		8		8	
	26	Conversation					11	
Spanish Professor	12	Elementary	3	3	3	3		
Schons	22	Sophomore	11		11		11	
	32	Conversation	9		9		9	
	42	Contemporary Lit.	1		1		1	
English Composition and Public Speaking	C2	Introductory Section 1	9	9	9	9	9	
		Section 2	10	10	10	10	10	
		Section 3	1	1	1	1	1	
Professor Boody	C12	Freshmen Section 1	9	9	9	9	9	
Associate Professor		Section 2	1	1	1	1	1	
Graham and		Section 3	2	2	2	2	2	
Miss Mooney	C22	Advanced	2		2		2	
	C26	Public Speaking		1	1	1		
	*C32	Newspaper Writing						
	*C36	Debating						

*Hours to be arranged

SCHEDULE OF RECITATIONS

125

SECOND QUARTER 1919-1920 — CONTINUED

Department	Course	Title	M	T	W	Th	F	S
English Literature Professor Taintor	22	English Literature	11		11		11	
	33	Shakespeare's Tragedies	10	10	10	10		
	36	Tennyson and Browning		8	8	8	8	
	42	English Research						
History and Political Science Professor Moore	12	Medieval and Modern						
		Section a	9	9		9	9	
		Section b	2	2		2	2	
	25	Modern Democracy		11		11		
	38	Constitutional History of England		10		10		
	35	American Problems	8		8		8	
	42	Historical Method			11			
Economics and Sociology Professor Fehlandt	28	Greek History		2	2	2	2	
	E32	History of United States		10	10	10	10	
	E22	Economic Problems	2	2	2	2		
	E42	Business Organizations	3	3		3	3	
Mathematics Professor Woodmansee	S38	Applied Sociology		9	9	9	9	
	12	Trigonometry						
		Section 1	10	10		10	10	
		Section 2	3	3	3	3		
	14	Mechanical Drawing	2-4	2-4		2-4		
	28	Calculus	9	9	9	9	9	
	30	Calculus and Differential Equations	11		11		11	
Biology and Zoology Dr. Groves	22	Descriptive Geometry		2-4		2-4		
	B12	General Botany	10		10			
		Laboratory		10-12	10-12			
	Z14	General Zoology		10		10		
		Laboratory	10-12		10-12			
	23	Histology		9		9		
		Laboratory	8-10		8-10		8-10	
	*42	Heredity						
	32	Sanitation		1		1		
Chemistry Professor Barker		Laboratory	1-3		1-3		1-3	
	*38	Journal Club						
	*48	Biological Problems						
	12	General Chemistry						
		Section 1	1	1		1		
		Laboratory			1-3		1-3	
		Section 2	1		1		1	
		Laboratory	1-3		1-3			
	22	Quantitative				9		
		Laboratory	8-10		8-10		8-10	
	32	Organic	11		11		11	
		Laboratory						8-12
	41	Advanced Quantitative						
		Laboratory	8-10		8-10		8-10	

*Hours to be arranged

SECOND QUARTER 1919-1920 — CONTINUED

Department	Course	Title	M	T	W	Th	F	S
Physics Professor Barber	23	General Physics Laboratory		1		1		
	37	Experimental or	1-3		1-3		1-3	
	40	History of Physics		2-4		2-4		8-12
	47	Experimental or		3				8-12
<hr/>								
Library Science Miss Hargrave	43	Library	10		10		10	
<hr/>								
Physical Education Women Miss Plummer	1	Freshman		2		2		
	2	Sophomores		3		3		
	3	Juniors and Seniors		4				
	4	Play hour				4		
<hr/>								
Law Mr. Pedrick	3	Elementary Law		9		9		
<hr/>								
Military Science and Tactics	13	Military Art	8	8	8	8	8	
	23	Military Art		8	8	8	8	
Captain Oster- maier	33	Military Art	{	8	8		8	
	43	Military Art		11 or 3	8 or 3	11 or 3	8 or 3	11 or 3

THIRD QUARTER 1919-1920

Department	Course	Title	M	T	W	Th	F	S
World Literature	13	World Literature		3		3		
Biblical Literature	16	Old Testament		9		9		
Dr. Culbertson	19	New Testament		11		11		
	33	Christain Evidences		2		2	2	
<hr/>								
Philosophy and Education	P23	Ethics		11	11	11	11	
	P33	Scientific Thought		9		9		9
Dr. Mutch	E36	Educational Psychology		3		3		3
	E39	Administration		10		10		10
<hr/>								
Classics	G3	Course for Beginners	9	9	9	9		
	G23	Plato	9		9			9
Dr. Goodrich	L3	Course for Beginners	3	3	3	3		3
and Professor	L6	Cicero-Virgil	11	11	11	11		
Van Harlingen	L13	Tacitus		1		1		1
	L37	Christian Writers	8		8			8
	*L41	Journal Club						

*Hours to be arranged

SCHEDULE OF RECITATIONS

127

THIRD QUARTER 1919-1920 — CONTINUED

Department	Course	Title	M	T	W	Th	F	S
German	3	Course for Beginners	2	2	2		2	
	13	Freshman	10	10	10	10		
	Professor Van	23	Sophomore	9		9		9
	Harlingen	33	Junior		3		3	
	43	Teachers		1		1		
French	13	Elementary						
		Section 1	10	10		10		10
		Section 2	1	1	1	1		
	23	Sophomore	11		11		11	
	Associate	28	Composition		2			
	Professor	33	Junior	3		3		3
	Heise	46	Teachers	9		9		9
	43	Senior	8		8		8	
	27	Conversation					11	
Spanish	13	Elementary	3	3	3	3		
	23	Intermediate	11		11		11	
	Professor Schons	33	Composition	9		9		9
	43	Literature	1		1		1	
English Compo- sition and Public Speaking	C3	Introductory						
		Section 1	9	9	9	9	9	
		Section 2	10	10	10	10	10	
		Section 3	1	1	1	1	1	
	C13	Freshman						
	Professor Boody	Section 1	9	9	9	9	9	
	Associate Professor	Section 2	1	1	1	1	1	
	Graham and	Section 3	2	2	2	2	2	
	Miss Mooney	C23	Advanced	2		2		2
		C27	Public Speaking		1	1	1	
	*C33	Newspaper Writing						
	*C37	Oratory						
English Litera- ture	23	Literature	11		11		11	
	25	American Poets		8	8	8	8	
	34	Plays of Shakespeare	10		10		10	
	Professor Taintor	44	Age of Milton	2	2	2	2	
	43	English Research						
History and Political Science	13	Medieval and Modern						
		Section a	9	9		9	9	
		Section b	2	2		2	2	
	26	Modern Democracy		11		11		
	39	Constitutional History						
	Professor Moore	of England		10		10		
	36	American Problems	8		8		8	
	29	Roman History		2	2	2	2	
	43	Historical Method			11			

*Hours to be arranged

THIRD QUARTER 1919-1920 — CONTINUED

Department	Course	Title	M	T	W	Th	F	S
Economics and Sociology	E23	Labor Problems		10	10	10	10	
	E33	Transportation	2	2	2	2		
Professor	S39	Social Methods		9	9	9	9	
Fehlandt	S43	American Society	3	3		3	3	
<hr/>								
Mathematics	18	Analytical Geometry						
		Section 1	10	10	10	10	10	
		Section 2	3	3	3	3	3	
	29	Advanced Calculus	9	9	9	9	9	
	33	Differential Equations	11		11		11	
Professor	15	Mechanical Drawing	2-4	2-4		2-4		
Woodmansee	35	Surveying		11		11		
<hr/>								
Biology and Zoology	B13	General Botany	10		10			
		Laboratory		10-12	10-12			
	Z16	General Zoology		10		10		
		Laboratory	10-12		10-12			
	23	Physiology		1		1		
		Laboratory	1-3		1-3		1-3	
	24	Plant Pathology			9		9	
		Laboratory	8-10		8-10		8-10	
	25	Embryology		9		9		
		Laboratory	8-10		8-10		8-10	
<hr/>								
Chemistry	17	Qualitative Analysis						
		Section 1		1		1		
		Laboratory	1-3		1-3		1-3	
		Section 2			1		1	
		Laboratory		1-3		1-3	10-12	
	23	Quantitative Analysis				9		
		Laboratory	8-10		8-10		8-10	
	33	Organic	11		11		11	
		Laboratory					8-12	
	42	Advanced Quantitative						
<hr/>								
Physics	22	General Physics		1		1		
		Laboratory	1-3		1-3		1-3	
	32	Advanced Light	9	9	9	9		
	36	Experimental		2-4		2-4		
		or						8-12
Professor Barber	39	Colloquium		3				
	46	Experimental		2-4		2-4		
<hr/>								
Library Science	42	Library	10		10		10	
Miss Hargrave								

*Hours to be arranged

SCHEDULE OF RECITATIONS

129

THIRD QUARTER 1919-1920 — CONTINUED

Department	Course	Title	M	T	W	Th	F	S
Physical Education	1	Freshmen		2		2		
Women	2	Sophomores		3		3		
Miss Plummer	3	Juniors and Seniors		4				
	4	Play hour				4		
Law	2	Elementary Law		9		9		
Mr. Pedrick								
Military Science	12	Military Art	8	8	8	8	8	
and Tactics	22	Military Art	8	8	8	8	8	
Captain Oster-	32	Military Art	{ 8		8		8	
maier	42	Military Art	{ 11	8	11	8	11	
			{ or 3		or 3		or 3	

*Hours to be arranged

The School of Music

FACULTY

ELIZABETH BATTLE BINTLIFF, A.M.

Professor of Music and Director of the School.

Piano—Pipe Organ

ESTELLA HALL READE,

Instructor in Vocal Music.

Teacher of Public School Music Methods.

ESTHER ELLEN DARROW

*Instructor in Piano, Pipe Organ, Theory and History of Music
and Musical Appreciation*

HARRIET ELVIRA GIBBS,

Instructor in Piano

ANTON KLEIN

Instructor in Violin

LOUISE STANTON THOMAS

Instructor in Violin

ELIZABETH GERTRUDE MACKINLEY,

Instructor in Public School Drawing and Industrial Arts

The School of Music offers extended courses in the practical and theoretical study of music, designing to fit students for the professional musical life. The special purpose of instruction is to produce musicians who shall combine sound intellectual training with symmetrical development of the musical faculties. To this end all its work is planned. The regular courses are for those who wish to complete work leading to graduation; but those who wish to pursue only partial courses are also admitted. Preparatory courses have been arranged for piano, violin, and voice, so that the student who

is only a beginner may find opportunity for study. The emphasis will be placed on thoroughness of work, whether in the elementary or in the advanced grade.

Courses in Applied Music, Theory, History and Appreciation of Music as outlined will be credited as college electives. The maximum amount of credit allowed toward the degree of Bachelor of Arts is forty-two hours.

COURSES OF STUDY

The following outlines of courses of study in the several departments of the School of Music may be varied to meet the needs of individual students.

PIANOFORTE

Preparatory Course

Studies in position and touch. Elementary technic. Major and minor scales in slow practice. Etudes by Burgmüller, Brünner, Duvernoy, Heller, Lecoupey, Loeschhorn, Schytte. Sonatinas by Clementi, Kuhlau, Reinecke, and others. Pieces to suit the grade.

First Year

Mason Technic, major and minor scales and arpeggios. Etudes by Loeschhorn, Czerny, Schytte, Heller, Bach Little Preludes and Fugues; Sonatas by Haydn, Mozart. Modern pieces. Memorizing.

Second Year

Mason Technic. Etudes by Cramer, Turner, Bach Inventions. Sonatas by Mozart, Beethoven, Weber. Songs without Words, Mendelssohn. Pieces by Schumann, Chopin, Schubert, Raff, Grieg, Godard, Chaminade. Memorizing.

Third Year

Scales in double thirds and sixths. Kullak's Preparatory Octave School. Etudes by Moscheles. English Suites, Bach; Sonatas by Schubert, Weber, Beethoven; Fantasias, Impromptus, etc., by Raff, Mendelssohn, Schubert, Chopin, Schumann; Concertos by Mozart and Mendelssohn. Concert pieces by Rubinstein, Grieg, Moszkowski, MacDowell, Godard, Schytte, Schuett, Sinding. Memorizing.

Fourth Year

Kullak's Octave School. Clementi's Gradus ad Parnassum. Etudes by Chopin, Henselt, etc. Preludes and Fugues, Bach, Sonatas and Concertos by Beethoven, Chopin, Grieg, MacDowell, Saint-Saëns, etc. Concert pieces by Liszt, Chopin, Schumann, Rachmaninoff, Alkan, Arensky, and other modern composers. Memorizing.

ORGAN

First Year

Douglas, Rink and Dunham, Organ Schools.

Buck Pedal Phrasing Studies. Bach, Little Preludes and Fugues. Trios by Rheinberger. Easy pieces by Guilmant, Merkel, Batiste.

Second Year

Rink and Whiting, Preludes and Postludes. Bach, Preludes and Fugues. Sonatas by Guilmant, Rheinberger, etc. Mendelssohn, Preludes and Fugues. Modern pieces.

Third Year

Bach Chorales, Preludes and Fugues. Sonatas by Guilmant, Rheinberger, Mendelssohn. Modern pieces.

Fourth Year

Bach Trios, Preludes and Fugues. Sonatas by Mendelssohn, Rheinberger, etc. Concert pieces by classic and modern composers. Practical work in accompanying church services and oratorios.

VIOLIN

First Year

Method or School selected according to age and talent of student. Studies by Hofmann, Wohlfahrt, Hermann. Easy Pieces and Duets by Pleyel, Papini, Dello, Lehman, etc. Particular attention given to correct position, intonation, tone, and bowing.

Second Year

Continuation of First Year Method. Scale Studies by Schradieck and Blumenstengel. Etudes by Kayser, Dont and Mazas. Simple sonatas. Solos by Leonard, Dancla, Böhm, Demuth, Sitt, Elgar.

Third Year

Schradieck's School of Technic. Etudes by Kreutzer and Fiorillo. Sonatas by Mozart. Solos by Alard, Drdla, De Beriot, Wieniawski, Danbe.

Fourth Year

Caprices of Rode. Concertos of Viotti, Rode, De Beriot, Spohr. Solos by Sarasate, Bruch, Dvorák, Vieuxtemps, and modern composers.

VOICE

The aim of this department is to perfect vocal technique, expression and interpretation.

1. The establishment of a pure tone in which there shall be resonance, volume, flexibility and expression. This pure tone is to be acquired by means of perfect breath control, open throat and equalization of registers.
2. A perfect blending of tone and word which results in clear-cut enunciation desired by performer and listener.
3. The art of phrasing; versatility in style.
4. Interpretation of songs, sacred and secular, and of arias from oratorios and operas.

First Year

Tone-placing and blending of registers—Dr. E. Miller's Vocal Art-Science; Dr. Edward S. Kimball's Exercises; Henneman's 101 Exercises; Sieber's Op. 92-96.

Vowel and consonant work—Vaccai Italian Exercises; Sieber, Op. 92-96 and Dora Duty Jones' Lyric Diction Exercises.

Flexibility—Lutgen Exercises in Velocity; Sieber, Op. 42-43; Marzo's Preparatory Course.

Phrasing—Marzo Preparatory and Concone, Op. 9; Easy songs for application of principles learned.

Second Year

Marzo, Book 1; Sieber, Op. 45; Marchesi Exercises; Sieber, Op. 30-35; Concone, Op. 10; Songs of the classical school and of the best modern composers.

Third Year

Marzo, Art of Vocalization, Books II, III; Sieber, Op. 30-35; Concone Op. 12; Study of the classics and arias from oratorios.

Fourth Year

Bordogni, II, III; Aprile Exercises. Concert songs from classic and modern composers. Arias from the operas of German, Italian and French Schools.

THEORY AND HISTORY OF MUSIC

The aim of the courses in these branches of music education is to give the student an intelligent conception of music as a science, aiding him to become a musician capable of understanding and interpreting a wide range of music, and to lay a broad foundation for later studies which he may undertake in the field of composition. This work will be given in classes only. The outline of the course is as follows:

FIRST QUARTER

1. ELEMENTARY THEORY. Sight reading; study of intervals; notation and terminology.

Prerequisite for credit courses.

Throughout the year, one hour.

10. CHORAL MUSIC. Advanced sight reading.

Throughout the year, one hour.

13. EAR TRAINING. This course is required with 16 and is prerequisite for 16.

One hour credit.

Two hours recitation.

16. SCIENCE OF HARMONY. Scales; intervals; chords; inversions; modulations; harmonizing of melodies.

Prerequisite: Courses 1 and 13.

Two hours.

26. **ADVANCED HARMONY.** Mixed and altered chords; enharmonics; extraneous modulation; extended work in harmonization:

Prerequisite: Courses 1, 13, 14, 15, 16, 17, 18.

Two hours.

20. **ANALYSIS OF MUSICAL FORM.** A detailed study of form in music, analyzing its development from the figure through the Symphony.

Two hours.

23. **COUNTERPOINT.** Writing in the various species in two, three, four and five parts. Imitation; sequences; the invention and fugue in two parts.

Prerequisite: Courses 1, 13, 14, 15, 16, 17, 18, 26, 27, 28.

Two hours.

30. **APPRECIATION OF MUSIC.** This course will include the study of the principles of musical form, the development of music into its various branches the stories of the standard operas and oratorios, and some analytical study of the larger instrumental compositions for piano, violin, and orchestra; such as the sonata, overture and symphony. Lectures and illustrations. The Victrola is used. The purpose of the course is to awaken and develop the faculty of listening.

Two hours.

33. **HISTORY OF MUSIC.** From the Greeks and Romans to the Bach period.

Two hours.

2 and 5. **PRACTICAL MUSIC.** This course includes individual instruction in piano, organ, violin, or voice and choral music.

SECOND QUARTER

11. **CHORAL MUSIC.** Preparation and performance of standard cantatas and oratorios.

One hour.

14. **EAR TRAINING.** Continuation of Course 13. Required with Course 17 and prerequisite for credit in 17.

One hour.

17. **SCIENCE OF HARMONY.** Continuation of Course 16.

Prerequisite: Courses 13, 14, 16.

Two hours.

27. **ADVANCED HARMONY.** Continuation of Course 26.

Prerequisite: Course 26.

Two hours.

21. **ANALYSIS OF MUSICAL FORM.** Continuation of Course 20.

Prerequisite: Course 20.

Two hours.

24. **COUNTERPOINT.** Continuation of Course 23.

Prerequisite: Course 23.

Two hours.

31. APPRECIATION OF MUSIC.

Two hours.

34. HISTORY OF MUSIC. Continuation of Course 33. From the Bach period through the Classical and Romantic periods.

Two hours.

3 and 6. PRACTICAL MUSIC. Continuation of Courses 2, 5.

THIRD QUARTER

12. CHORAL MUSIC. Continuation of Course 11.

One hour.

15. EAR TRAINING. Continuation of Course 14.

Required with Course 18.

One hour.

18. SCIENCE OF HARMONY. Continuation of Course 17.

Prerequisite: Courses 13, 14, 15, 16, 17.

Two hours.

28. ADVANCED HARMONY. Continuation of Course 27.

Prerequisites: Course 27.

Two hours.

22. ANALYSIS OF MUSICAL FORM. Continuation of Course 21.

Prerequisites: Course 21.

Two hours.

25. COUNTERPOINT. Continuation of Course 24.

Prerequisite: Course 24.

Two hours.

32. APPRECIATION OF MUSIC.

Two hours.

35. HISTORY OF MUSIC. Continuation of Course 34.

Two hours.

4 and 7. PRACTICAL MUSIC.

PUBLIC SCHOOL MUSIC

This course provides instruction for those students who wish to become teachers or supervisors of music in the public schools. It may be completed in two years.

In order to enter upon this course, a student must have completed a High School course and have ability to play at sight the average school songs.

FIRST YEAR

1. SIGHT-READING, STUDY OF INTERVALS, NOTATION AND TERMINOLOGY.

13, 14, 15. EAR TRAINING.

10, 11, 12. Advanced sight-reading choral class, including the study of standard cantatas and oratorios.

16, 17, 18. HARMONY, first year.

33, 34, 35. HISTORY OF MUSIC. Voice Culture and Piano.

SECOND YEAR

Methods of Teaching. Practice Teaching.

26, 27, 28. HARMONY, second year.

20, 21, 22. ANALYSIS OF MUSICAL FORM.

30, 31, 32. MUSICAL APPRECIATION. Education. Voice Culture and Piano.

METHODS OF TEACHING

Progressive Music Series.

New Educational Course.

Modern Music Series.

The Hollis Dann Music Course.

The developing purpose of School Music is the correlation of music with other studies in the school curriculum through the Sensory, Associate and Adolescent periods.

The course covers the following subjects: Correct position of the body. Breathing Exercises. Voice-placing and voice development. Care of the child voice. Care of the voice as related to part-singing. Relation between the singing and speaking voice. Correction of monotones. Rhythm; beating time; the use of the baton, pendulum and metronome. Tone thinking. Visualizing tones. Correlation of the teaching of reading and teaching of music. The use of Talking Machines in the school room. Outlines for the grades and for junior and senior high schools. Music and its power of discipline. The relation of the supervisor to the grade teacher, the principal, the superintendent and the board of education. Professional reading.

Observation work in the schools, choirs and choral club of Ripon.

Practice teaching in the Ripon public schools.

TRAINING COURSE IN PUBLIC SCHOOL DRAWING
AND INDUSTRIAL ART

This is a two year course and will include the following subjects: Mechanical Drawing, Applied Design Pencil Water Color, Industrial Work, Methods of Teaching, and History of Art.

REQUIREMENTS FOR GRADUATION

A Diploma is granted on the completion of any single four-year course as outlined, for Piano, Organ, Violin, or Voice. In addition the student must have completed the three year course in Theory, which includes Courses 1, 10, 11, 12, 13, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33, 34, 35.

Candidates for graduation must have completed academic work equivalent to a high school course and including the following subjects:

History 2 units, Science 1 unit, Algebra 1 unit, German 2 units, French 1 unit, English 3 units. In addition to these subjects, English and Public Speaking are required.

A certificate of entrance credits should be sent in advance, or presented at time of entrance.

Students must give a public recital, during the last year of each course which they complete.

DEGREE OF BACHELOR OF MUSIC

The Board of Trustees of Ripon College confer the degree of Bachelor of Music upon students who meet the following conditions:

The requirements for entrance are the same as for College entrance. The practical preparatory musical work must be completed to the work of the first year as outlined in the Catalogue. Two courses in practical music must be pursued, one of which must be the piano. The other course may be either organ, violin, or course, as elected. The student will be required to do three years' work in the Theory and History of Music, and to carry four hours' work in some College subject each quarter for the four years it takes for graduation. The Freshman English is required. Beyond that the student may elect his literary work.

DAY PUPILS

To meet the demands for music instruction on the part of the residents of Ripon and vicinity, who have not time or desire to take any of the regular courses, or to take studies in the College, the following arrangements may be made: Pupils will be received from their homes, and will simply report to the teacher for instruction at appointed hours, and have no further connection with the School. Tuition will be the same as for the other students of the School of Music.

Musical activities are planned which will be of interest and profit. The School of Music is the center of the musical life of Ripon. Everything of real value pertaining to the subject of music education and advancement will be considered and encouraged by the Director.

TUITION AND EXPENSES

In the matter of expenses, a school of Music in a small city like Ripon has great advantages to offer over those in larger cities. The expenses of living are less, for both teacher and pupil. The best instruction can be given, at prices which could not be offered in a larger place. The cost of board and room is very reasonable, as compared with prices in many cities.

Tuition, per quarter, payable in advance.

Two private lessons per week, thirty minutes each:

Piano.....	\$33.50
Pipe Organ.....	37.00
Voice.....	33.50
Violin.....	17.00

One private lesson per week, forty-five minutes:

Violin.....	\$14.00
-------------	---------

Public School Drawing, per quarter, for the full course.....\$25.00

Two hour course in any separate subject, two hours per week, per quarter.....\$10.00

Classes in Theory, Appreciation of Music and History, Choral work.

Course 1 is open to all students of the College and of the School of Music, free of charge.

Courses 10, 11 and 12. This class is open to students of the College, School of Music, and also to citizens of Ripon, who enjoy the study of the Standard Cantatas, Masses or Oratorios.

Tuition per quarter:

1st Year Harmony and Ear Training.\$10.00

2nd Year Harmony and Analysis..... 10.00

Counterpoint..... 5.00

History of Music..... 5.00

Appreciation of Music..... 5.00

Methods of Teaching Public School

Music, in class..... 6.75

Use of Piano for Practice:

One hour a day, per quarter..... 3.00

Two hours a day, per quarter..... 5.00

Additional hours, each, per quarter..... 1.50

Use of the church organ, for practice, per

hour..... .25

A student of the School of Music may take college subjects at the following rate of tuition:

One course will be six dollars; each additional course at the rate of one dollar and seventy-five cents for each quarter hour of work.

A payment of five dollars on the student's bill is required at the time of registration. This amount will not be refunded.

A fee of \$2.00 for Artist's recitals is charged each music student. This fee covers the price of tickets to all recitals and concerts of the School of Music, excepting the Oratorio Concerts.

All students of the School of Music are required to attend these concerts, and all student recitals, unless excused by the Director.

By student vote, a fee of \$3.00 per quarter is charged all except day pupils, to cover the following charges: Subscription to College Days, gymnasium fees, and tickets admitting to all athletic and forensic contests.

Rooms may be rented in the dormitories for from \$15.00 to \$20.00 per quarter. Board can be obtained at the Commons for \$4.50 per week. Other boarding places can be found, where prices are reasonable. All bills for tuition must be paid at the beginning of the semester, or special arrangements made with the Director.

This must be done, and the name registered, before lessons can be assigned. No deduction will be made for absence from lessons except in cases of illness of two weeks or more, when the loss will be shared equally by the School of Music and the student, on the written order of the Director. All non-resident students of the School of Music are subject to the regulations of the College.

MISCELLANEOUS ITEMS

No prices will be made by the lesson or for any time less than a quarter.

Pupils from out of town may arrange for an hour lesson once a week instead of half hours twice a week.

Pianos for practice can be rented at the School of Music or elsewhere in Ripon.

No student of the School of Music will be allowed to take a musical part in any public exercises without permission from his teacher.

Quarters of the School of Music commence with those of the College, and its holidays are the same as those observed by the College.

All persons desiring musical instruction are encouraged in every possible way; graduates and others who have been students of Ripon School of Music will be recommended to fill suitable positions whenever it can be conscientiously done.

Board of Trustees

OFFICERS

HENRY COE CULBERTSON, *President of the College, ex-officio President.*

MISS SHIRLEY FARR, *Vice-President.*

SAMUEL M. PEDRICK, *Secretary.*

JOHN W. WRIGHT, *Treasurer.*

TERM EXPIRES 1919

JOHN W. WRIGHT, Ripon.

President Ripon Knitting Works.

FREDERICK SPRATT, Ripon.

Cashier First National Bank.

FRANK K. SANDERS, New York City.

Director, Board of Missionary Preparation.

MRS. HARRIET H. ROBERTSON, Milwaukee.

ARTHUR E. LEONARD, La Grange, Ill.

Pastor First Congregational Church.

JAMES L. STONE, Ripon.

Cashier American National Bank.

W. B. FOSTER, Ripon.

President Mattice-Foster Co.

E. J. BARRETT, M. D., Sheboygan.

PAUL J. THOMPSON, Minneapolis.

Lawyer.

TERM EXPIRES 1920

JOHN G. SEELIG, Ripon.

Barlow and Seelig Manufacturing Co.

SAMUEL M. PEDRICK, Ripon.

Lawyer.

FRED W. ROGERS, Milwaukee.

Real Estate and Insurance.

L. H. KELLER, Oklahoma City, Okla.

Pastor Harrison Avenue Congregational Church.

J. B. BARLOW, JR., Ripon.

President Barlow and Seelig Manufacturing Co.

F. A. CHADBOURN, Columbus.

President First National Bank.

TERM EXPIRES 1921

GEORGE M. STEELE, M. D., Oshkosh.

FREDERICK W. UPHAM, Chicago, Ill.

President of Board of Review, Cook County, Illinois; of Upham and Agler; of Wisconsin Oak Lumber Company; and of City Fuel Company.

W. H. HATTON, New London.

Lumberman and Manufacturer.

MISS SHIRLEY FARR, Chicago, Ill.

Department of History, The University of Chicago.

D. D. SUTHERLAND, Fond du Lac.

Lawyer.

WILLIAM R. DAWES, Chicago, Ill.

First Vice-President Central Trust Company of Illinois.

FRANK J. HARWOOD, Appleton.

President of Appleton Woolen Mills

STANDING COMMITTEES

Executive Committee: MESSRS. STONE, PEDRICK, SPRATT, WRIGHT, FOSTER, BARLOW, and SEELIG.

Committee on Instruction: MISS FARR, MESSRS. SANDERS, THOMPSON, ROGERS, AND MRS. ROBERTSON.

Committee on Grounds and Buildings: MESSRS. FOSTER, SEELIG, STONE, BARLOW, AND BARRETT.

Auditing Committee: MESSRS. SUTHERLAND AND CHADBOURN.

Committee on Investments: MESSRS. WRIGHT, PEDRICK, SPRATT, AND STONE.

Committee on Honorary Degrees: MESSRS. HARWOOD, KELLER, AND MISS FARR.

Special Committee on Finance and Endowment: MISS FARR, MESSRS DAWES, UPHAM, AND CHADBOURN.

The President of the College is, ex-officio, member of all committees.

College Preachers and Lecturers

- REVEREND EDWIN F. SHAW, D. D.,
National Council of Congregational Churches.
- REVEREND HARDING R. HOGAN,
Pastor of the Congregational Church, Sparta.
- REVEREND HARRY P. DEWEY, D. D.,
Minneapolis, Minnesota.
- REVEREND EDWARD RALPH,
Congregational Church, Green Bay.
- PRESIDENT JULIA HENRIETTA GULLIVER, PH. D., LL.D.,
Rockford College.
- REVEREND CHARLES E. EWING,
Pastor of the Congregational Church, Janesville.
- REVEREND HENRY A. ATKINSON, D. D.,
Social Service Secretary, Boston.
- REVEREND FRANK M. SHELDON,
General Secretary, Congregational Education Association.
- REVEREND CARLOS C. ROWLISON,
Congregational Church, La Crosse,
- REVEREND ROBERT A. WOODS, D. D.,
President of the National Conference for Social Work.
- REVEREND ROBERT J. LOCKE,
Pastor of the University Church, Champaign, Illinois.
- WILLIAM EDWARD DODD, PH. D.,
Department of History, Chicago University.
- REVEREND FRANCIS L. HAYES, D. D.,
Secretary, Congregational Ter-Centenary Fund, Chicago.
- REVEREND SILAS EVANS, D. D., LL.D.,
President of Occidental College.
- REVEREND THEODORE RUSH FAVILLE,
Pastor of the First Congregational Church, Oshkosh.
- DEAN SHAILER MATHEWS, D. D., LL. D.
University of Chicago.
- LIEUTENANT PAUL R. REYNOLDS,
Assistant Secretary, Congregational Education Society.
- REVEREND ROBERT W. GAMMON,
Secretary for the Interior, Congregational Education Society.
- REVEREND FRANK D. WARD, D. D., LL. D.,
Chicago Theological Seminary.

JUDSON ROSEBUSH,

Chairman of the Inter-Church Federation for Wisconsin.

PRESIDENT HERBERT P. HOUGHTON, PH. D.

Carroll College, Waukesha, Wisconsin.

PRESIDENT ELMER ALLEN BESS, D. D., LL. D.

Macalester College, St. Paul, Minnesota.

PROFESSOR SOLOMON H. CLARK, LL. D.

University of Chicago.

HONORABLE WILLIAM JENNINGS BRYAN, LL. D.

Lincoln, Nebraska.

Faculty and Other Officers of Instruction and Government, 1918-19

THE COLLEGE

HENRY COE CULBERTSON, D. D., LL. D., 121 Thorn Street.

President and Professor of World Literature and Biblical History.

A. B. University of Cincinnati, 1895; Law Student, Columbia University, 1896-98; B. D., University of Chicago, 1900; D. D., Lenox College, 1910; LL. D., Missouri Valley College, 1914; Assistant Pastor, Presbyterian Church, Lake Forest, Ill., 1901-02; Pastor, First Presbyterian Church, Iola, Kansas, 1902-07; President of the College of Emporia, Kansas, 1907-17; Chief of Section of Cooperating Organizations, United States Food Administration, Washington, D. C., 1917-18; Lecturer, United States Committee on Public Information, 1918; President of Ripon College, 1918.

WILLIAM HARLEY BARBER, A. M., 318 Thorn Street.

Dean and Professor of Physics.

B. S., University of Wisconsin, 1901; A. M., University of Wisconsin, 1909. Assistant Principal Ripon High School, 1901-4; Principal Ripon High School, 1904-5; United States Department of Commerce and Labor, Bureau of Standards, Washington, D. C., 1905-6. Graduate Student in Physics, University of Chicago, summer terms, 1911-13, and year 1913-14. Professor of Physics, Ripon College, 1906. Dean, January, 1915. Acting President, 1917-18. Ripon College, 1906.

JESSE FOX TAINTOR, A. B., 616 Ransom Street.

Professor of English Literature.

A. B., Ripon College, 1873. Andover Theological Seminary, 1875-78. Pastorates in Iowa, 1878-83; Rochester, Minn., 1886-1903. Graduate Student Chicago University, 1903, 1905. In Europe for study and travel, 1911-12. Ripon College, 1905.

WILLIAM JAMES MUTCH, PH.D., 221 Watertown Street.

Professor of Philosophy and Education.

A. B., University of Wisconsin, 1882; B.D., Yale Divinity School, 1885; Ph. D., Yale University, 1894. Lecturer in Pedagogy, Yale Divinity School, 1900-2. Pastor of Howard Avenue Congregational Church, New Haven, Conn., 1885-1907. Ripon College, 1907.

ELIZABETH BATTLE BINTLIFF, A.M., 650 Woodside Avenue.

Professor of Music and Director of the School of Music.

Student, Oberlin Conservatory of Music. Organ Pupil, Fenelon B. Rice and Clarence Eddy. Piano Pupil, George W. Steel and William H. Sherwood. Theory Pupil, George W. Chadwick and Frederic Grant Gleason. Studios in Janesville, Wis., and Chicago, Ill. Organist, St. Paul's Episcopal Church, Milwaukee, and Leavitt Street Con-

gregational Church, Chicago, Ill. Professor of Music and Director of Conservatory of Music, Olivet College, 1893-1909. A. M., Olivet College, 1902. Ripon College, 1909.

EDNA VAN HARLINGEN, A. B., 416 Woodside Avenue.

Professor of German.

A. B., Vassar College, 1911; Latin and German, Bloomfield Normal School, Bloomfield, Iowa, 1907; Latin and German, Miamisburg High School, Miamisburg, Ohio, 1908; Instructor in German, Ripon College, 1912. Graduate work, University of Chicago, 1915. Professor of German in Ripon College, 1916. Ripon College, 1912.

GRACE GERTRUDE GOODRICH, Ph.D., Lincoln Street.

Professor of Classics.

A. B., Ripon College, 1906; A. M., 1907; Ph. D., University of Wisconsin, 1913. Teacher of Latin and English, Wabasha, Minn., 1907-9. Student, American School of Classical Study at Rome, 1909-10. Graduate Student, University of Wisconsin, 1910-11. Graduate Student, Bryn Mawr College, 1911-12. Assistant in Latin, University of Wisconsin, 1912-13. Ripon College, 1913.

JOSEPHINE RUTH HARGRAVE, A.B., 415 Thorn Street.

Librarian.

A. B., Ripon College, 1906. S. B., Simmons College Library School, Boston, Massachusetts, 1909. Librarian Public Library, Dickinson, North Dakota, 1909-14. Ripon College, 1914.

WILSON ROBB WOODMANSEE, A. M., 649 S. Grove Street.

Registrar and Professor of Mathematics.

A. B., Indiana University, 1902; A. M., University of Wisconsin, 1914. Principal of High School, Sycamore, Indiana, 1898-1900. Mathematics, Winona Academy, Winona Lake, Indiana, 1902-8; Professor of Mathematics, William and Vashti College, Aledo, Illinois, 1908-13. Graduate Student, University of Indiana, summer of 1909; Graduate Student, University of Wisconsin, summers 1912-14-15, and year 1913-14. Assistant in Mathematics, University of Wisconsin, 1913-14. Ripon College, 1914.

AUGUST FREDERICK FEHLANDT, A. B., B. D., Lincoln Street.

Professor of Economics and Sociology.

A. B., University of Wisconsin, 1891. Princeton University and Seminary, 1891-92. B. D., Yale University, 1894. Twenty years in the pastorate, in literary, editorial and platform work. Ripon College, 1914.

HENRY PHILLIPS BOODY, A.B., 621 Ransom Street.

Professor of English Composition and Public Speaking.

A. B., Bowdoin College, 1906; Sub-master and Head of the Department of English, Norway High School, Maine, 1906-8; Head of the Department of English, Maine Wesleyan Seminary and College, Kent's Hill, Maine, 1908-12; Vice-principal and Professor of English, Maine Wesleyan Seminary, 1912-15. In Europe for study and travel, 1914. Columbia University Summer Sessions, 1915, 1917 and 1918. Ripon College, 1915.

JAMES CLARK GRAHAM, A. B., 525 Ransom Street.

Associate Professor of English Composition and Public Speaking.

A. B., Grinnell College, 1916. Columbia University Summer Session, 1917. U. S. N. R. F. Officers' Training, University of Chicago, Summer, 1918; Northwestern University, Fall, 1918. Ripon College, 1916.

SAMUEL MARCELLUS PEDRICK, A. M., LL. B., 523 Watson Street.

Lecturer in Elementary Law.

B. S., Ripon College, 1891; LL. B., University of Wisconsin, 1894; A. M., Ripon College, 1895. Ripon College, 1916.

AUGUSTUS LAWRENCE BARKER, M.S., 200 Elm Street.

Professor of Chemistry.

B.S., University of Alabama, 1910; M.S., University of Alabama, 1911. Fellow in Chemistry, University of Alabama, 1910-11; Instructor in Biology, University of Alabama, 1911-13; Teacher of Science, Monroe (La.) High School, 1913-14; Fellow in Chemistry, University of Chicago, 1914-1915; Assistant Professor of Chemistry, University of Mississippi, 1915-16; Instructor in Physiology, Emory University (Atlanta Medical College), 1916-17. Graduate Student, University of Chicago, Summers 1913 and 1914 and Session 1914-1915. Ripon College, 1917.

EMILY SCHONS, A. M., 602 Newbury Street.

Professor of Spanish.

A.B., University of Minnesota, 1908; A.M., University of Chicago, 1917. Summer Session, University of Chicago, 1918. Instructor, Waterville High School, Minnesota, 1908-09; Spring Valley High School, Minnesota, 1909-11; Buffalo High School, Wyoming, 1912-15. Ripon College, 1917.

ANNA HEISE, A. B., 411 State Street.

Associate Professor of French.

A. B., University of Wisconsin, 1917. Graduate work at the University of Wisconsin. First Semester, 1917-18, and Summer Session, 1918. Ripon College, 1917.

RAYMOND JOHN MCCRORY, A. B., 411 Thorn Street.

Director of Athletics.

A. B., University of Wisconsin, 1917. Director of Athletics, College of Emporia, 1917-18. Ripon College, 1918.

CLIFFORD HOMER MOORE, A. M., 821 Watson Street.

Professor of History.

A. B., Indiana University, 1912; A. M., University of Chicago, 1915. Graduate Student, University of Chicago, 1917-18; Instructor in History and Critic in Methods of Teaching History, University of Iowa, 1915-17. Ripon College, 1918.

JAMES FREDERICK GROVES, PH. D., 616 South Grove.

Professor of Botany and Zoology.

A. B., Ewing College, 1906. Ph. D., University of Chicago, 1915. Superintendent of City Schools, 1906-11; Graduate Student and Assistant, University of Chicago, 1911-15; Assistant Professor of Biology, University of Wyoming, 1915-18. U. S. Plant Disease Survey Work, 1917-18. Ripon College, 1918.

AVIS JEANNE MOONEY, A. B., 223 Scott Street.

Instructor in English Composition.

A. B., Ripon College, 1911. Instructor in English, Ripon High School, 1912-13; Head of Department of English Composition, Grafton Hall 1914-18. Ripon College, 1918.

WILLIAM EMERICK OSTERMAIER, Captain, Infantry, U. S. A.

Professor of Military Science and Tactics.

In Command of the Reserve Officers' Training Corps, Ripon College, 1918.

THE SCHOOL OF MUSIC

HENRY COE CULBERTSON, D. D., LL. D.,

President.

ELIZABETH BATTLE BINTLIFF, A.M., 650 Woodside Avenue.

Professor of Music and Director of the School of Music.

Student, Oberlin Conservatory of Music. Organ Pupil, Fenelon B. Rice and Clarence Eddy. Piano Pupil, George W. Steel and William H. Sherwood. Theory Pupil, George W. Chadwick and Frederick Grant Gleason. Studios in Janesville, Wis., and Chicago, Ill. Organist, St. Paul's Episcopal Church, Milwaukee, and Leavitt Street Congregational Church, Chicago, Ill. Professor of Music and Director of Conservatory of Music, Olivet College, 1893-1909. A. M., Olivet College, 1902. Ripon College, 1909.

ESTELLA HALL READE, 121 Thorn Street.

Instructor in Vocal Music.

Pupil of William H. Stockbridge, Portland, Me.; Madame Perkins, Washington, D. C.; Dr. Edward S. Kimball, Washington, D. C.; Benjamin F. Wood, Boston; Mary Kimball, Washington, D. C.; and of Herman Kotschmar, Portland, Me. Head of Vocal and Public School Music Methods Departments, Conservatory of Music, Olivet College, 1897-1909. Ripon School of Music, 1909.

LOUISE STANTON THOMAS, 120 E. Thorn Street.

Instructor in Violin.

Student of Violin with Mrs. B. F. Anderson; of Violin and Theory with Theodore Meier, 1907-09; of Violin with W. L. Jaffe, Milwaukee, 1909-11; Graduate Wisconsin College of Music, Milwaukee, from Violin Course, 1911. Graduate Student of W. L. Jaffé 1911-12; Ripon School of Music, 1910-15; Ripon School of Music, 1917.

HARRIET ELVIRA GIBBS, 117 Thorn Street.

Instructor in Piano.

Graduate Ripon School of Music, 1899; Graduate Student Ripon School of Music, 1910-12. Ripon School of Music, 1915.

ANTON KLEIN, 533 Thorn Street.

Instructor in Violin.

Pupil of Rudolf Klein, Budapest, Hungary, for four years; Pupil of Karl Klein, Vienna Conservatory, Vienna, for four years; First Violinist, Budapest Orchestra; Teacher of Violin, Cleveland, Ohio, 1907-11; Chicago, Illinois, 1911-16. Ripon School of Music, 1916.

ESTHER ELLEN DARROW, 650 Woodside Avenue.

Instructor in Piano, Theory and History of Music, and Musical Appreciation.

A.B., University of Michigan, 1913; Graduate Student, University of Michigan, 1913-14; Graduate in Organ, University School of Music, Ann Arbor, Michigan, 1911; Graduate in Piano, University School of Music, Michigan, 1914; Graduate of the Institute of Musical Art, New York City, 1916. Ripon School of Music, 1917.

ELIZABETH GERTRUDE MACKINLEY, 223 Seward Street.

Instructor in Public School Drawing.

Graduate Thomas Normal Training School, Detroit, Michigan, 1910. Head of Art Department, Oswego College, Kansas, 1910-11; Private Studio, Ripon, 1912-18. Ripon School of Music, 1918.

RETIRED

On the Carnegie Foundation

WILLIAM EVERETT JILLSON, A.M.

*Librarian and Associate Professor of German.
Ripon College, 1912-13.*

OFFICERS OF THE STUDENTS' ARMY TRAINING CORPS

**WILSON W. WILLIVER, Second Lieutenant, Infantry, U. S. A.,
Commanding Officer.**

**RAYMOND J. McCORRY, Second Lieutenant, Infantry, U. S. A.,
Personnel Adjutant.**

**J. E. VORHIS, Second Lieutenant, Infantry, U. S. A.,
Quartermaster.**

**WALDEN E. BALCOM, Second Lieutenant, Infantry, U. S. A.,
Rifle Instructor.**

STUDENT ASSISTANTS

GRACE HARRIS, DOROTHY RUMMELE, AND GERTRUDE DUEL,
Biology.

HAROLD HELLER, AND RUSSELL STEMEN,
Chemistry.

MILDRED KEELER, MARGARET UPHAM, AND ANNE GRIFFITHS,
Library.

ETHEL LEHMAN, AND GLADYS AUSTIN,
Mathematics.

NEIL MORGAN,
Physics.

ANN PLUMMER,
Physical Director of Women.

ERWIN DICK,
Mechanical Drawing.

MARGUERITE TREILLE,
French.

Administrative Officers, 1918-19

HENRY COE CULBERTSON, D. D., LL. D.

President.

WILLIAM HARLEY BARBER, A. M.,

Dean.

ELIZABETH BATTLE BINTLIFF, A. M.,

Director of the School of Music.

WILSON ROBB WOODMANSEE, A. M.,

Registrar.

CLIFFORD HOMER MOORE, A. M.,

Recording Secretary.

JOSEPHINE RUTH HARGRAVE, A. B.,

Librarian.

LIEUT. WILSON W. WILLIVER, U. S. A.,

Commandant of the Student Army Training Corps.

CAPTAIN WILLIAM E. OSTERMAIER, U. S. A.,

In Command of the Reserve Officers' Training Corps.

JOSEPHINE KING,

Preceptress of Bartlett Hall.

MRS. E. L. PARMENTER,

Matron of the Mary C. Harwood Hall.

MRS. L. RHODES,

Matron of Parkhurst Hall.

EDNA VAN HARLINGEN, A. B.,

Faculty Resident, Scribner Home.

HENRY PHILLIPS BOODY, A. B.,

Faculty Adviser to Duffie Hall.

JAMES CLARK GRAHAM, A. B.,

Faculty Adviser to Smith Hall.

CLIFFORD HOMER MOORE, A. M.,

Faculty Adviser to West Hall.

JOHN D. WRIGHT,

Treasurer.

MAYE LYLE,

Cashier.

MARGUERITE JOECKEL,

Stenographer.

HERMAN GATZKE,

Superintendent of Grounds and Buildings.

MRS. NELLIE B. MERWIN,

Manager of the College Commons.

Committees of the Faculty, 1918-19

- Chapel:* PROFESSORS TAINTOR, MUTCH, FEHLANDT, AND BOODY.
- Christian Associations:* PROFESSORS TAINTOR, GOODRICH, MUTCH, AND FEHLANDT.
- Housing:* DEAN BARBER; PROFESSORS BOODY, GRAHAM, MOORE, AND VAN HARLINGEN; AND MISS KING.
- Alumni and Commencement:* PROFESSORS TAINTOR, GOODRICH, MUTCH, AND BINTLIFF; AND MISS HARGRAVE.
- Commons:* DEAN BARBER, MR. PEDRECK, MISS KING, AND MRS. MERWIN.
- Curriculum:* DEAN BARBER, PROFESSORS WOODMANSEE, MUTCH, AND TAINTOR.
- Library:* PROFESSORS MUTCH, TAINTOR, AND FEHLANDT; DEAN BARBER, AND MISS HARGRAVE.
- Student Life:* PROFESSORS MOORE, FEHLANDT, GOODRICH, BOODY, AND GRAHAM; AND MISS KING.

JOINT COMMITTEES OF THE FACULTY, TRUSTEES AND STUDENTS

- Athletics:* For the Faculty, DEAN BARBER and MR. MCCRORY, director of athletics; for the Trustees: MR. WRIGHT; for the Students: HAROLD HAUN, athletic manager; and the captain of each team in its season.
- Forensics:* For the Faculty: PROFESSORS BOODY, FEHLANDT, and GRAHAM; for the Trustees: MR. PEDRICK; for the Students: RUFUS RUNZHEIMER and PAUL RODEWALD.
- Publications:* For the Faculty: PROFESSOR BOODY and MISS HARGRAVE; for the Trustees: MR. WRIGHT; for the Students: RUFUS RUNZHEIMER and CLAYTON TINKHAM.
- Musical Organizations:* For the Faculty: PROFESSORS BINTLIFF and FEHLANDT; for the Trustees: MR. SPRATT; for the Students: RAYMOND SAWYER and HAROLD HELLER.
- Social Life:* For the Faculty: PROFESSOR MOORE and MISS KING, Secretary of the Committee; for the Trustees: MR. STONE; for the Students: LOLA SCHULTZ, DOROTHY RUMMELE, LORAIN BRENNER, MOSES ROBERTS, WILBUR SHORTT, CARL REICHMUTH, DONALD PERRY, ROBERT WILLIAMS, MARION JONES, and LUCILE JOHANN.

Degrees Conferred, June, 1918

MASTER OF ARTS

Bird Hitchcock Fraser.....Royal Oak, Michigan

BACHELOR OF ARTS

Emma Irene Bjornstad.....La Crosse
 Lydia Brickbauer.....Elkhart Lake
 Harry G. Brown.....Green Lake
 Byrl Bryan.....Ripon
 Ethel Lillian Bryan.....Ripon
 Maud Evelyn Carter.....Ripon
 Antoinette Cujak.....Berlin
 Harry E. Farnsworth.....Ripon
 Max Jake Fox.....Plymouth
 Gladys Lillian Groesbeck.....Ripon
 Harold Floyd Hansen.....Merrill
 Margaret Muriel Hill.....Rosendale
 Benjamin Hudtloff.....Wausau
 Anna Johnson.....Phillips
 Lesley Hazel Jones.....Eldorado
 John Calvin Loos.....Kiel
 Linda Helen Manz.....Eau Claire
 Mathilda Mathisen.....Oshkosh
 Jason Earl Maunders.....Stevens Point
 Jean Evelyn May.....Ripon
 Florence Miller.....Coal City, Ill.
 Frederick A. Nothnagel.....Green Lake
 Ellen O'Neil.....Fond du Lac
 Lillian E. Schwefel.....Fox Lake
 Victor Jesse Searle.....Ripon
 Arshag Seuerian.....Ripon
 Edith Silver.....Indianapolis, Ind.
 Dorothy Delight Stewart.....Ripon
 Alvira Susanne Thomas.....Wales
 Bernard J. Thompson.....Milwaukee
 Edward A. Toll.....Ripon
 Bernard Williams.....Oshkosh
 Frances Gage Wilson.....Ripon
 Frances Zemlika.....Merrill
 Edward Eastman Zerler.....Plymouth

BACHELOR OF ARTS—GOVERNMENT SCIENTIFIC SERVICE

Benjamin Lawrence Page.....Ripon

BACHELOR OF ARTS—WAR SERVICE

Alfred William Bollenbeck.....Montclair, New Jersey
 John E. Davies.....Oshkosh
 Charles H. Doman.....Oshkosh
 Alden Q. Ellis.....Endeavor
 William Iverson.....Tomahawk
 Julius Herman Zobel.....Ripon

BACHELOR OF PHILOSOPHY

Franc M. Holiday.....Oshkosh

BACHELOR OF PHILOSOPHY—WAR SERVICE

Pearly D. Joseph.....Viola
 Theron Douglas Morson.....Ripon

SCHOOL OF MUSIC

CERTIFICATE, PUBLIC SCHOOL MUSIC

Marion F. Bradley.....Omro
 Zella Louise Schultz.....Ripon
 Jennie L. Wensink.....Plymouth

Prizes and Honors

AWARDS IN 1918

FRESHMAN COMPOSITION PRIZES FROM THE JAMES FUND

First.....	Paul Rodewald
Second.....	Mildred McConnell

JAMES PRIZES FOR EXCELLENCE IN DEBATE

Marvin Schmidt....	Victor Searle
Rufus Runzheimer	Hugh Jones
Paul Rodewald	Everett Ivey
	Harold Haun

JAMES PRIZE FOR EXCELLENCE IN ORATORY

Frederick P. Helm

SECOND PRIZE, WISCONSIN INTERCOLLEGIATE ORATORICAL CONTEST

Frederick P. Helm

CLASS OF 1896 MEMORIAL PRIZES FOR EXCELLENCE IN DECLAMATION

First for Women.....	Dorothy Mildred Bryan
First for Men.....	Frederick P. Helm

FIRST PRIZE, STATE LATIN LEAGUE CONTEST

Paul Rodewald

SILVER MEDAL, STATE LATIN LEAGUE CONTEST

Mathilda Mathisen

FELLOWSHIP IN THE UNIVERSITY OF WISCONSIN

Lydia Brickbauer

PRIZE SCHOLARSHIP AT THE UNIVERSITY OF CHICAGO

Victor Jesse Searle

J. T. LEWIS PRIZE FOR EXCELLENCE IN FIRST YEAR BIOLOGICAL WORK

Dorothy Rummele

Editor-in-Chief of the College Days for 1918-1919

First Quarter.....	EMMA KATE ARMSTRONG
Second and Third Quarters.....	RUFUS RUNZHEIMER

Editor-in-Chief for the Crimson for 1918-1919

CLAYTON TINKHAM

Business Manager of the College Days for 1918-1919

KATHRENE KNAPP TAINTOR

Business Manager of the Crimson for 1918-1919

ARCHIBALD LUEDKE

DEPARTMENT FELLOWS

Economics.....	Loraine R. Brenner
Education.....	Raymond C. Shaw
English.....	Emma Kate Armstrong
History.....	Edwin White Webster
Philosophy.....	Rufus E. Runzheimer
Physics.....	Neil Bristol Morgan

List of Students

GRADUATES

John E. Davies	Duffie Hall	Oshkosh
Lillian Zobel		Ripon
D. M. Morgan	Smith Hall	Cambria

SENIORS — Class of 1919

Emma Kate Armstrong	215 Elm St.	Clyde, Kans.
Gladys Dorothy Austin		Ripon
Lydia A. Breckenfeld	Harwood Hall	Racine
Loraine Ruth Brenner	College Inn	Fond du Lac
Dorothy Mildred Bryan		Ripon
Newton Boggs	Duffie Hall	Viola
Jessie Agnes Callahan		Ripon
William Christenson	Smith Hall	Racine
Gertrude Genevieve Duel	Harwood Hall	Fond du Lac
Florence Du Vall		Ripon
Clarence Egdahl	Duffie Hall	Schofield
A. Oscar Fink	339 E. Sullivan St.	Fond du Lac
Marjorie Heffernon	Harwood Hall	Berlin
Alice M. Kingsbury		Ripon
Ethel C. Lehman		Ripon
Bernice E. Lyon		Marinette
Hannah Marsh	College Inn	Waupun
Clarence E. Meyer		Oshkosh
Edward Mutch	Duffie Hall	Hillsboro
Emma Nothnagel		Green Lake
Leone Oyster		Ripon
Margaret Elsa Roeske	Scribner House	Hancock
Dorothy Rummele	Harwood Hall	Sheboygan
Rufus E. Runzheimer	Duffie Hall	Neehan
Lola Dorothea Schultz		Ripon
Inga Amanda Severson		Barron
Hortense Seaman	325 S. Tygert St.	Ripon
Raymond C. Shaw	Duffie Hall	Kingston
William Russell Stemen		Ripon
Kathrene Knapp Taintor		Ripon
Lenora Treanore		Ripon
Edwin White Webster		Ripon

JUNIORS — Class of 1920

Clarence Abendroth	Smith Hall	Cambria
Lucile Anderson	523 Watson St.	Green Lake
Helen Balzer	College Inn	Sheboygan
Laura Irene Backey	College Inn	Sturgeon Bay
Leo Y. Conney		Ripon
Ervil Edwards	Smith Hall	Cambria
Helen Fehlandt		Ripon
Guy Folsom	Smith Hall	Markesan
Margaret Gibbs	117 Thorn St.	Shawano
Max Giedlinski		Ripon

Margaret Griffiths	723 Woodside Ave.	Bristol
Grace Harris	Harwood Hall	Lena, Ill.
Harold Boynton Haun	Smith Hall	Madison
Harold Heller	Smith Hall	Appleton
Dwight Kenyon	Smith Hall	Phillips
Alfred J. Kornder	Smith Hall	Cedarburg
La Verna Krause		Ripon
Cornelia Lamb	College Inn	Warrens
Guy Leaper	Smith Hall	Green Bay
Archibald H. Luedke	Duffie Hall	Plymouth
Percy Lunde	Duffie Hall	Racine
Mildred Morse McConnell	College Inn	Ripon
Beatrice McCumber	Harwood Hall	Rosendale
Maude McDonald	Parkhurst Hall	Bloomer
Margaret Maxwell		Ripon
Dillwyn Wells Melick	Duffie Hall	Kenosha
Neil Bristol Morgan	Smith Hall	Oakfield
Edward Morse		Ripon
Olivia Morse		Ripon
Frances Marie Oeder	Parkhurst Hall	Milwaukee
Donald Perry	Smith Hall	Black River Falls
Ann Plummer	College Inn	Baraboo
Carl Reichmuth		Ripon
Jean Bernice Rittenhouse	Parkhurst Hall	Wahpeton, N. Dak.
Moses Roberts	Smith Hall	Wild Rose
Benjamin A. Rossin		Ripon
Meta Schmudlach	Scribner House	Hancock
Viola Shave		Ripon
Wilbur Shortt	West Hall	Oakfield
Joseph Stadler	Duffie Hall	Chicago, Ill.
Clayton Tinkham	Duffie Hall	Fairwater
Marguerite Treille	College Inn	Murat d'Allier, France
Robert E. Williams	Duffie Hall	Oshkosh

SOPHOMORES — Class of 1921

Herbert H. Bagemihl	West Hall	Milwaukee
Harold Boese		Ripon
Lorene L. Bogie	College Inn	Fond du Lac
Ned Boorman	Smith Hall	Tomahawk
Esther Braatz	Parkhurst Hall	Brandon
Frances Louise Christison		Ripon
Edwin DeWitt Coleman	Smith Hall	Barron
Margaret Dailey	College Inn	Biramwood
Roy Sylvester Danks	Smith Hall	Fond du Lac
Juanita Davies	650 Woodside	Wild Rose
W. Erwin Dick	West Hall	Fond du Lac
Bessie M. Farnsworth		Ripon
Arthur Filbey	West Hall	Fond du Lac
Dorothy Elizabeth Fortnum	620 Metomen St.	Berlin
Anne Elizabeth Gordon	College Inn	Barron
Manilla Graham		Ripon
Anne Elizabeth Griffiths	Harwood Hall	Columbus

Edwin G. Hammen		Ripon
Lester Robert Harvey	Smith Hall	Baraboo
Marie Hecker	College Inn	Antigo
Oscar C. Herbst	West Hall	Schleisingerville
Clifford K. Hooey	Duffie Hall	Rice Lake
Robert J. Icks	Smith Hall	Green Bay
Ruth Constance Hillerby	121 W. Thorn St.	Los Angeles, Calif.
LuCille Ising	College Inn	Oshkosh
Robert R. Jones	302 Fond du Lac St.	Wild Rose
James Albert Jones	Smith Hall	Rosendale
Mildred Blanche Keeler		Ripon
Raymond Paul Krueger	604 Woodside	Menomonie
Dorothy Lloyd	College Inn	Ridley Park, Pa.
William G. MacGregor	Smith Hall	Westfield
Gladys Melvin	College Inn	Glenbeulah
Hazel M. Mix	Parkhurst Hall	Berlin
Birney K. Morse	Smith Hall	Fond du Lac
Ames W. Naslund	Smith Hall	Tower, Minn.
Stanley E. Ochsner	Smith Hall	Prairie du Sac
Luke A. Pilon	Smith Hall	Fond du Lac
Eunice Pynch		Ripon
Clarence E. Rinehard	West Hall	Shawano
Thomas Earl Roberts	Smith Hall	Randolph
Ellis Roberts	Smith Hall	Wild Rose
Paul Rodewald	Smith Hall	Timothy
Ruth Elizabeth Rummele	Harwood Hall	Sheboygan
Raymond B. Sawyer	Smith Hall	Mukwonago
Prudence Anne Schaefer		Ripon
Edwin Schoenberg	Smith Hall	Wausau
Gregor Elmer Schoofs	West Hall	Malone
Leander Sheldon	Smith Hall	Tomahawk
Robert H. Sterner	Duffie Hall	Milwaukee
Margery Moore Tibbals	Parkhurst Hall	Elgin, Ill.
Fred C. Toll		Ripon
Blanche Tuttle		Ludington, Mich.
Margaret Upham	Lincoln St.	West Salem
Walter Frederick Vornholt	Duffie Hall	Plymouth
Oscar A. Weinke		Ripon
Ethyl E. Williams	Harwood Hall	Green Bay
Arthur Worthing	Smith Hall	Oakfield

FRESHMEN — Class of 1922

Percy H. Aaberg	Smith Hall	Stoughton
Marion Estelle Akin		Ripon
Rena Muriel Albrecht	College Inn	Merrill
Margaret Amend		Ripon
Elda Anderson	333 Blackburn St.	Green Lake
Mary Margueriette Ascott	Parkhurst Hall	Sparta
M. Emmet Blewett	Smith Hall	Rosendale
Gertrude J. Bluemke	Harwood Hall	Rosendale
Wilbur Frank Boese		Ripon
Stanley Bonk	Smith Hall	Thorpe
Nina E. Bradley		Ripon
Vinson W. Bronson	West Hall	Mankato, Minn.

Katherine Brooks	Harwood Hall	Chicago, Ill.
Hazel Vera Buchanan	426 Ransom St.	Coloma
Adelaide B. Buchholz		Ripon
John Paul Budzinski	Smith Hall	Thorpe
M. Nordica Busian	Parkhurst Hall	Dover, Minn.
Albert W. Butenhoff, Jr.	West Hall	Wausau
Myrtle Callahan		Ripon
Nathan A. Conney		Ripon
Ralph E. Conney		Ripon
David C. Davies	West Hall	Utica, N. Y.
Stanley A. Egdaahl	Smith Hall	Schofield
Clarence H. Emigh	West Hall	Neshkoro
Evelyn Engelbracht	Harwood Hall	Berlin
Helen Bell Eversz		Ripon
Philip R. Fehlandt		Ripon
Thelma Folsom	Parkhurst Hall	Markesan
Ethel M. Gay	Parkhurst Hall	Pickett
Ervin W. Gossink	West Hall	Randolph
Glenn Nichols Growt		Trempealeau
Merrett Gustin	West Hall	Wautoma
Elizabeth Hall		Ripon
Beulah Rose Hamley		Ripon
Agnes Marion Hansen	College Inn	Merrill
Marjorie Hecker	Scribner House	Antigo
Otto Fred Heider	Smith Hall	Sheboygan
Elnora Hill		Ripon
Walter Peter Hirsch	Smith Hall	Wausau
Harold Leslie Hooper	West Hall	Nekoosa
Velma Howe		Ripon
Bruno Ernst Jacob	Smith Hall	Valders
Lucile Karoline Johann	Parkhurst Hall	Sheboygan
Ardin L. Johnson	West Hall	Wautoma
Barney S. Johnson	Smith Hall	Barron
Herbert Paul Johnson	Duffie Hall	Suring
Henry David Jones	West Hall	Chicago, Ill.
Marian Frances Jones	Scribner House	Antigo
Walter Floyd Karst	Smith Hall	Sheboygan
Charles Henry Kempley	Smith Hall	Montello
Roy Edward Kileen	West Hall	Wautoma
Gertrude S. Knocke	Parkhurst Hall	Fond du Lac
Benjamin M. Knutson	West Hall	Cumberland
Mildred Kopp	College Inn	Eau Claire
Esther Flora Kronberg	Scribner House	Thorpe
Rachel Catherine Kuehn	Parkhurst Hall	Fairwater
Clarice Emma Kussman	Parkhurst Hall	Fairwater
Alfred W. Lawrence		Ripon
Wesley Stewart Leaper	Smith Hall	Green Bay
Melvin J. Lipke	West Hall	Stratford
Anna Margaret Lowe	Scribner House	Phillips
Perry Edwin McCumber	Duffie Hall	Rosendale
Audry Edith Mahon		Ripon
H. Alfred Marlow	West Hall	Beaver Dam
Violet Marguerite Marshall	Lincoln St.	West Salem
Eva Ione Mathison	Scribner House	Greenwood
Sophia Elizabeth Meilahn		Eldorado
Carl Henry Meissner	Smith Hall	Sheboygan

Burns Midtbon	Smith Hall	Stoughton
Inez Marion Mielkie	740 Metomen St.	Fairwater
Joseph Mishlove		Ripon
Gertrude Lenore Morris	Parkhurst Hall	Cambria
Robert Floyd Morris	Smith Hall	Cambria
Mary Cain Mutch	Scribner House	Hillsboro
Hildred Nienstedt		Ripon
Alice Margaret Nienstedt		Ripon
Hartman E. Olson	Smith Hall	McFarland
Freeman Otto		Ripon
Jennings B. Page	Smith Hall	Barron
Walter Webster Palmer	West Hall	Oakfield
Estella Grace Pearce	College Inn	Evansville
Cornelia Peterson	College Inn	Eau Claire
Rowland Tracy Randolph	West Hall	Cheyenne Agency, S. Dak.
Edwin Redfield	Smith Hall	Fond du Lac
William Runge	West Hall	Kenosha
Rolland Schneider	West Hall	Hartland
Wilbert Schultz	West Hall	Wautoma
Irene Mary Scobie		Ripon
Sigurd Herman Severson	Smith Hall	Stoughton
E. Elyzebeth Shaw	College Inn	Kingston
Dorothy Gladys Silver	649 S. Grove St.	Indianapolis, Ind.
Elva Anna Smith	Harwood Hall	Randolph
Esther Stellmaker		Ripon
Margaret Thines	Scribner House	Eau Galle
Clarence W. Thompson	West Hall	Colfax
Herbert A. Treu	West Hall	Wausau
Roland Verrette	Duffie Hall	Odavah
Francis Vetter	Smith Hall	Fond du Lac
Elmer K. Wagner	West Hall	Fond du Lac
Gladys Wegel	Parkhurst Hall	Fond du Lac
Ruth Jane Wilcox	Parkhurst Hall	Grand Rapids, Wis.
Byron Williams	Duffie Hall	Oshkosh
Gertrude Beatrice Wilson	Scribner House	New London
John Allen Wilson		Ripon
Ethel Lucile Zemlika	Harwood Hall	Merrill
Dorothy Zufelt	College Inn	Sheboygan

MUSIC STUDENTS

Gertrude Bluemke	Harwood Hall	Rosendale
Vinson Bronson	West Hall	Mankato, Minn.
Adelaide Buchholz	Ransom St.	Ripon
Genevieve Chafin		Ripon
Arnold Lester Daehm		Ripon
Mary Jaunita Davies	650 Woodside Ave.	Wild Rose
Mrs. Catherine Diedrich	Watson St.	Ripon
Frederic Diedrich	Watson St.	Ripon
Gertrude Duel	Harwood Hall	Fond du Lac
Zenda Eaton		Green Lake
Ethel Maude Gay	Parkhurst	Pickett
Edwin George Hammen	Eureka St.	Ripon
Grace Harris	Harwood Hall	Lena, Ill.

Mrs. Florence Haseltine	Watson St.	Ripon
Beatrice Anne Herberger	Scott St.	Ripon
Elnora Hill	Tygert St.	Ripon
Dorothy Hitchcock		Wynot, Nebr.
Dorothy Hoffman	Route 17	Ripon
Velma Howe	Newberry St.	Ripon
Anna Huibregste	Jackson St.	Ripon
Evelyn Marjorie Hunter	Seward St.	Ripon
George P. Hunter	Seward St.	Ripon
Clara L. Kaiser	Metomen St.	Ripon
Anna Klein	Thorn St.	Ripon
Esther Kroll	Metomen St.	Ripon
La Verna Krause	Watson St.	Ripon
Anna Lowe	Scribner House	Phillips
Isabel Luck	Metomen St.	Ripon
Laura Ernestine Lueck	Liberty St.	Ripon
Nelson William Lueck	Woodside Ave.	Ripon
Kathryn Lyle	Jackson St.	Ripon
Rhoda MacClelland	Eureka St.	Ripon
Beatrice MacCumber	Harwood Hall	Rosendale
Audrey Mahon	Hall St.	Ripon
Elwyn Mattison		Green Lake
Marion Maxwell		Ripon
Rachel Mills	Watson Street	Lake Mills
Rosa Mishlove	N. Fond du Lac St.	Ripon
Robert Morris	Smith Hall	Cambria
Mary Mutch	Scribner House	Hillsboro
Warren Mutch	Watertown St.	Ripon
Herbert Myers		Washington, D. C.
Hildred Oenstedt	Liberty St.	Ripon
Harlon Oestrich		Ripon
Alma Olstead	612 Newberry St.	Trempealeau
Marcella Pedreick	Watson St.	Ripon
Margaret Poppe		Wautoma
Eunice Pynch	Watson St.	Ripon
Catherine Reed	Watson St.	Ripon
Carl Reichmuth	Watson St.	Ripon
Louise Reichmuth	Watson St.	Ripon
Edward Schneider, Jr.	Hall St.	Ripon
Bernice Scobie	Watson St.	Ripon
Viola Shave	Liberty St.	Ripon
Gladys Silver	Grove St.	Indianapolis, Ind.
Esther L. Stellmaker	S. Grove St.	Ripon
Dorothy Marie Stindt	316 Blackburn St.	Rosendale
Margaret Irene Stocking		Oshkosh
Mrs. R. C. Stuart	Thorn St.	Ripon
Mildred Thiel	Watson St.	Ripon
Ruth Jane Wilcox	Parkhurst Hall	Grand Rapids
Gertrude Wilson	Scribner House	New London
Margaret Wirth		Berlin
Frieda Zalman		Ripon
Dorothy Zufeldt	College Inn	Sheboygan
Du Wayne Zimmerman		Ripon

RESERVE OFFICERS' TRAINING CORPS

Percy Aaberg.....	Stoughton
Herbert Bagemihl.....	Milwaukee
Michael Blewett.....	Rosendale
Harold Boese.....	Green Lake
Wilbur Boese.....	Ripon
Newton Boggs.....	Viola
Stanley Bonk.....	Thorpe
Ned L. Boorman.....	Tomahawk
Vinson Bronson.....	Mankato, Minn.
John Paul Budzinski.....	Thorpe
Albert Butenhoff.....	Wausau
Edwin Coleman.....	Barron
Leo Conney.....	Ripon
Nathan Conney.....	Ripon
Ralph Conney.....	Ripon
John E. Davies.....	Oshkosh
Walter Erwin Dick.....	Fond du Lac
Stanley Egdahl.....	Schofield
Clarence Emigh.....	Neshkoro
Philip Fehlandt.....	Ripon
Arthur Filbey.....	Fond du Lac
Ervin Gossink.....	Randolph
Glenn Growt.....	Trempealeau
Merrett Gustin.....	Wautoma
Lester Harvey.....	Baraboo
Otto Heider.....	Sheboygan
Harold Heller.....	Appleton
Oscar Herbst.....	Schleisingsville
Walter Hirsch.....	Wausau
Clifford Hooey.....	Rice Lake
Robert Icks.....	Green Bay
Bruno Jacob.....	Valders
Ardin Johnson.....	Wautoma
Barney S. Johnson.....	Barron
Henry D. Jones.....	Chicago
James A. Jones.....	Wild Rose
Walter Karst.....	Sheboygan
Charles Kempley.....	Montello
Roy E. Kileen.....	Wautoma
Benjamin Knutson.....	Cumberland
Raymond Krueger.....	Menomonie
Alfred Lawrence.....	Ripon
William MacGregor.....	West field
Birney Morse.....	Fond du Lac
Edward Morse.....	Ripon
H. Alfred Marlow.....	Beaver Dam
Carl Meissner.....	Sheboygan
Dillwyn W. Melick.....	Kenosha
Burns Midtbon.....	Stoughton
Joseph Mishlove.....	Ripon
Neil Morgan.....	Oakfield
Perry McCumber.....	Rosendale
Ames Naslund.....	Tower, Minn.
Stanley Oschner.....	Prairie du Sac

Hartman Olson.....	McFarland, Wis.
Freeman Otto.....	Ripon
Jennings Page.....	Barron
Walter Palmer.....	Oakfield
Donald Perry.....	Black River Falls
Luke Pilon.....	Fond du Lac
Rowland Randolph.....	Cheyenne Agency, S. Dak.
Edwin Redfield.....	Fond du Lac
Carl Reichmuth.....	Ripon
Moses Roberts.....	Wild Rose
Thomas E. Roberts.....	Randolph
Paul Rodewald.....	Timothy
Benjamin Rossin.....	Ripon
William E. Runge.....	Kenosha
Rufus Runzheimer.....	Neenah
Raymond Sawyer.....	Mukwonago
Gregor Schoofs.....	Malone
Wilbert Schults.....	Wautoma
Sigurd Severson.....	Stoughton
Raymond Shaw.....	Kingston
Wilbur Shortt.....	Oakfield
Joseph Stadler.....	Chicago
Robert Sterner.....	Milwaukee
Clarence Thompson.....	Colfax
Clayton Tinkham.....	Fairwater
Herbert Treu.....	Wausau
Fred Toll.....	Ripon
Walter Vornholt.....	Plymouth
Elmer Wagner.....	Fond du Lac
Byron Williams.....	Oshkosh
John Allen Wilson.....	Ripon
Arthur Worthing.....	Oakfield

STUDENT ARMY TRAINING CORPS

Percy Aaberg.....	Stoughton
Ora Ahrens.....	Mukwonago
Perry Anderson.....	Hamilton
Clarence Arndt.....	Plymouth
Herbert Bagemihl.....	Milwaukee
Hugo Bluemke.....	Rosendale
Wilbur Boese.....	Ripon
Edwin Bohnsack.....	Plymouth
Ned Boorman.....	Tomahawk
Vinson Bronson.....	Mankato, Minn.
William Brown.....	Hillsboro
Otto Buchholz.....	Kingston
Floyd Buck.....	Ellwsworth
Albert Butenhoff.....	Wausau
Norman Campbell.....	Cashton
Milfred Cass.....	Rhineland
Leonard Cleveland.....	Baraboo
Robert L. Closs.....	Cambria
Edwin Coleman.....	Barron
John A. Collins.....	Westfield

Leo Y. Conney	Ripon
Nathan Conney	Ripon
Francis Cornelisen	Green Bay
Harold Danielson	Ripon
John C. Davies	Randolph
Donald Dennee	Stratford
W. Erwin Dick	Fond du Lac
Donald M. Eaton	Green Lake
George W. Edward	Fond du Lac
Stanley Egdahl	Schofield
Clinton Ehrhardt	Brownsville
Clifford Endicott	Lone Rock
Edwin Evenson	Wausau
Philip Fehlandt	Ripon
Joesph Felland	Clear Lake
Arthur Filbey	Fond du Lac
Harold Fisher	Oakfield
Adolph Foelker	Wausau
Dean Fordham	Green Lake
William J. Gallagher	Green Bay
Arthur Jennings Gallagher	Green Bay
Clarence Gauger	Oshkosh
Raymond Gilbertson	Wausau
Rodger Gorsline	Browning
Ervin Gossink	Randolph
Merrett Gustin	Wautoma
Harold Hagemeister	Barron
Edwin G. Hammen	Ripon
Homer Hanson	Baraboo
H. Thomas Hartwell	Rollo, Ill.
Lester Harvey	Baraboo
Thomas Hayes	Eden
Harold Herbelein	Ashland
Elmer Heft	Ripon
Otto Heider	Sheboygan
Roland Heismann	Wautoma
Harold Heller	Appleton
Paul J. Hennie	Stoughton
Lester Herberger	Ripon
Oscar Herbst	Schleisingserville
Leslie Hill	Grand Rapids, Wis.
Walter Hirsch	Wausau
Clifford Hooey	Rice Lake
Harold Hooper	Nekoosa
Floyd Humphrey	Hancock
Byron Hunter	Bryant
Robert Icks	Green Bay
Bruno Jacob	Valders
Lester Jepson	Bear Creek
Wesley O. Johnson	Stoughton
Ardin L. Johnson	Wautoma
Barney S. Johnson	Barron
Barney Johnson	Ashland
Ervin O. Johnson	Almena
Nelson Harold Johnson	Caledonia
Wesley L. Johnson	Wausau

John Earl Jones.....	Randolph
Henry D. Jones.....	Chicago
James A. Jones.....	Wild Rose
Walter Karst.....	Sheboygan
Milo Kintzler.....	Fond du Lac
Roy Kileen.....	Wautoma
Richard Klingholz.....	Manitowoc
Clay G. Knowles.....	Beloit
Benjamin Knutson.....	Cumberland
Franklin Krueger.....	Green Bay
Raymond Krueger.....	Menomonie
Harold Kuckuk.....	Wausau
Lyman Lee.....	Randolph
Elmer Lemmerhirt.....	Watertown
Melvin J. Lipke.....	Stratford
Burnette Luraas.....	Madison
William MacGregor.....	Westfield
William McClosky.....	Green Bay
Perry McCumber.....	Rosendale
Alfred McWey.....	Green Bay
Frank Mahlendorf.....	Sheboygan
Hugh Mair.....	Chetek
Louis Manthey.....	Pinceton
H. Alfred Marlow.....	Beaver Dam
C. R. Marvin.....	Union Center
Armin Mauthe.....	Fond du Lac
Carl Meissner.....	Sheboygan
Dillwyn W. Melick.....	Kenosha
E. R. Mellen.....	Plymouth
Arnold Mickelson.....	Stoughton
Burns Midtbon.....	Stoughton
Louie Miller.....	Green Lake
Arthur Mishlove.....	Ripon
Joseph Mishlove.....	Ripon
Robert Morris.....	Cambria
Edward Morse.....	Ripon
William Murtaugh.....	Menasha
Stanley Ochsner.....	Prairie du Sac
Erling Olauson.....	Hercules, Calif.
Lee O'Leary.....	Odanah
Francis O'Reilly.....	Omro
Sammie Olive.....	Ripon
Freeman Otto.....	Ripon
Walter K. Parsons.....	Berlin
Ray Patchett.....	Markesan
Paul G. Perkins.....	Green Bay
Donald Perry.....	Black River Falls
Lucian Perry.....	Waupun
Luke Pilon.....	Fond du Lac
Edwin Pischke.....	Ripon
Peter Platten, Jr.....	Green Bay
John A. Podratz.....	Grand Rapids
Hilmar Redemann.....	Ripon
Carl Reichmuth.....	Ripon
Francis Reilly.....	Ripon
Gerald Riley.....	Green Bay

Moses Roberts.....	Wild Rose
Thomas Roberts.....	Randolph
Leroy Rodehaver.....	Wausau
Paul Rodewald.....	Timothy
Frederick Rogers.....	Lake Beulah
Maurice Rowlands.....	Cambria
Benjamin Rossin.....	Ripon
William Runge.....	Kenosha
Raymond Sawyer.....	Mukwonago
Valerian Schneider.....	Green Bay
Gregor Schoofs.....	Malone
Wilbert Schultz.....	Wautoma
Virgil Secor.....	Fond du Lac
Victor Searle.....	Ripon
Sigurd Severson.....	Stoughton
Raymond Shaw.....	Kingston
Leander Sheldon.....	Tomahawk
Wilbur Shortt.....	Oakfield
Gilman Skaar.....	Stoughton
Raymond Skouge.....	Menomonie
Melvin Solveson.....	Oconomowoc
Joseph Stadler.....	Chicago
William Steineke.....	Ripon
John Stien.....	Green Bay
Robert Sterner.....	Milwaukee
Clarence Thompson.....	Colfax
Claire Townsend.....	Stoughton
Guy Tucker.....	Princeton
Arvin Umbreit.....	Kingston
Roland Verrette.....	Odanah
Francis Vetter.....	Fond du Lac
Clarence Vindedahl.....	Stoughton
Walter Vornholt.....	Plymouth
Elmer Wagner.....	Fond du Lac
Arden Weller.....	Ripon
Vincent Wheeler.....	Green Bay
Arthur Wilkes.....	Cambria
Byron Williams.....	Oshkosh
Morris D. Williams.....	Cambria
C. R. Wilson.....	Kenosha
Robert Wolff.....	Wausau
Fred Wollitz.....	Bowdon, N. Dak.
Benjamin Wright.....	Hancock

Summary of Instructors and Students

INSTRUCTORS

Academic Faculty.....	22
School of Music.....	8
S. A. T. C. Officers.....	4
R. O. T. C. Officers.....	1
Total.....	35
Names Counted Twice.....	3
Corrected Total.....	32

STUDENTS

ACADEMIC DEPARTMENT

Graduates.....	3
Seniors.....	30
Juniors.....	45
Sophomores.....	57
Freshman.....	106
Total.....	241

SPECIAL DEPARTMENTS

School of Music.....	66
Students' Army Training Corps.....	176
Reserve Officers' Training Corps.....	85
Total.....	327
Total in the Institution.....	600
Names Counted Twice.....	220
Corrected Total.....	380

Summary of Attendance of Students Regularly Enrolled during the Second and Third Quarters, 1919

	Men	Women	Total
Graduates.....	2	1	3
Seniors.....	9	21	30
Juniors.....	24	21	45
Sophomores.....	33	24	57
Freshmen.....	54	52	106
Total.....	122	119	241
Music.....	14	52	66
	136	171	307
Names Counted Twice.....	4	21	25
Corrected Total.....	132	150	282

Register of Alumni

The following is an imperfect register of the graduates of Ripon College. It is published in this catalogue in the hope that additions and corrections may be made to it as they are noted by its readers. The College desires a complete record of all its alumni and will greatly appreciate any information that may be sent. Address all communications relative to this list to Professor J. F. Taintor, President of the Ripon Alumni Association, Ripon College.

1918

*Emma Bjornstad

§ Alfred William Bollenbeck, Ensign, Glenridge, N. J.

Lydia Brickbauer, 507 N. Carroll St., Madison, Wis., Fellowship, University of Wisconsin.

Harry G. Brown, Sun Prairie, Wis. Principal High School

Byrl Arthur Bryan, Ripon, Wis. Ripon Produce Co.

Ethel Lillian Bryan, Oakfield, Wis. Teacher.

Maud E. Carter, Ripon, Wis. Teacher.

Antoinette Cujak, Viroqua, Wis. Teacher.

§ John E. Davies, Ripon College, Ripon, Wis. Graduate work, Ripon College.

§ Charles H. Doman, Lieut., Oshkosh, Wis.

§ Alden Ellis, Lieut., Endeavor, Wis.

Harry E. Farnsworth, Thaw Hall, Room 209, University of Pittsburgh, Pittsburgh, Pa. Instructor in Physics.

Max J. Fox, 588 — 6th St., Milwaukee, Wis., Marquette University Medical School.

Gladys L. Groesbeck, Waupaca, Wis. Teacher.

Harold F. Hansen, Fond du Lac, Wis. Teacher.

Margaret M. Hill, American Red Cross, U. S. Army Base Hospital, Camp Sherman, O.

Franc M. Holiday, Omro, Wis. Teacher.

§ Benjamin Hudtloff, Montana School of Mines, Butte, Mont.

§ William Iverson, Oilton, Okla.

Anna Johnson, Sheboygan, Wis. Teacher.

Lesley Hazel Jones, Winneconne, Wis. Teacher.

§ Pearly D. Joseph, Palmyra, Wis. Teacher.

John Calvin Loos, Northwestern Iron Works, Mayville, Wis.

Linda Helen Manz, Elmore, Minn. Teacher.

Mathilda Mathisen, Menomonie, Wis. Teacher.

Jason Earl Maunders, Thaw Hall, Room 209, University of Pittsburgh, Pittsburgh, Pa. Instructor in Physics.

Jean Evelyn May, Winneconne, Wis. Teacher.

Florence Miller, Coal City, Ill. Teacher.

§ Theron Douglas Morson, Ripon Wis.

Frederick A. Nothnagel, Cleveland, Ohio. Government Chem. Work.

Ellen May O'Neil, Fall River, Wis. Teacher.

Benjamin Lawrence Page, 1954 Biltmore St., Washington, D. C., Bureau of Standards.

Lillian E. Schwefel, Eau Claire, Wis. Teacher.

Victor Jesse Searle, Cambridge, Mass., 40 Kirkland St.

Arshag Seuerian, University of Illinois, Zoology Dept., 342 N. H., Urbana, Ill.

- Edith Silver, Ripon, Wis. Teacher.
 Dorothy Delight Stewart, 520 West 5th St., Santa Ana, California.
 Alvira S. Thomas, Fall River, Wis. Teacher.
 Bernard Thompson, 204-10th St., Milwaukee, Wis.
 §Edward Toll, Ripon, Wis.
 §Bernard Williams, 225 Scott St., Oshkosh, Wis.
 Frances Gage Wilson, West Salem, Wis. Teacher.
 Frances Zemlika, Omro, Wis. Teacher.
 §Edward Eastman Zerler, Plymouth, Wis.
 §Julius Zobel, Ripon, Wis.

1917

- Erna Louise Bagemihl, Ripon, Wis. Teacher.
 §John F. Blair, Capt.
 Rufus Norman Boardman, New Richmond, Wis.
 Attabelle Jane Boote, Durand, Wis. Teacher.
 §Herman H. Brien, Hart, Mich.
 §Stafford Delos Byrum, Lieut., Plymouth, Wis.
 J. Fremont Corbett, Y. M. C. A., Minneapolis, Minn.
 §Clay Crouse, Bloomer, Wis.
 Frances Cujak, Berlin, Wis.
 §Austin Lee Ely
 §John George Frayne, 19 Fort Greene Place, New York City. American Telephone and Telegraph Co.
 Emma J. Garber, Berlin, Wis.
 Florence Ruth Graham, Beaver Dam, Wis. Teacher.
 Alma Margaret Haug, 855-40th St., Milwaukee. Teacher Wauwatosa H. S.
 Florence M. Helmich, Sturgeon Bay, Wis.
 §William R. Jones, Randolph, Wis.
 Mabel Edith Kramer, Goodman, Wis. Teacher.
 §Alfred Kuebler, Lieut., 168 Cherry Ave., Oshkosh, Wis.
 Avis Linderman, Tipton. Ia. Teacher.
 §Claude Robert Mason, Ripon, Wis.
 §D. Maldwin Morgan, Lieut., Cambria, Wis.
 Edna L. Morse, 138 W. Gorham St., Madison, Wis.
 Shirley Rottman, Waukesha, Wis. Teacher.
 Maude M. Russell, Ripon, Wis.
 J. A. Oakby, Eau Claire, Wis.
 Edith Pritchard (Mrs. J. A. Oakby), Eau Claire, Wis.
 Rev. Wm. C. Sainsbury, Green Bay, Wis.
 Florence M. Shaw, Berlin, Wis.
 §Lee Shepard, Crawfordsville, Ind.
 Ruth V. Tasche, Sheboygan, Wis. Teacher.
 Aimee Jeanette Vandervelde, Clintonville, Wis. Teacher.
 Eva Florence Weller, Mankato, Minn. Teacher.
 §William T. Wendt, Berlin, Wis.
 §John J. Williams, Lieut., Berlin, Wis.
 §Earl Wyman, Lieut., 239 Algoma St., Oshkosh, Wis.

1916

- §Ray Beach, Fort Atkinson, Wis.
 §Otto A. Birr, Lieut., Tomah, Wis.
 Alice Iola Bonnell, Randolph, Wis. Teacher.

*Elsa Sophie Bratlie

§Clayton James Carey, Randolph, Wis.

Fayette Mervil Coffeen, Peebles, Wis. In business.

§Paul D. Covey, Oshkosh, Wis.

Anthony Donlin, 5253 Washington Blvd., Austin Station, Chicago, Ill.
Chicago Telephone Co.

§Louis B. Farvour, Lieut., Ripon, Wis.

Herbert E. Fritschel, Washington, D. C.

§Lynn G. Haskin, Bloomer, Wis. Principal High School.

§Archie L. Hirst, Lieut., Hancock, Wis.

§Harold T. Howard, Fort Atkinson, Wis.

John Wallace Hughes, American Canning Co., 104 S. Michigan Blvd.,
Chicago, Ill.

Anton Iverson, Tomahawk, Wis.

Elsa Johnston, (Mrs. H. C. Melvin), Glenbeulah, Wis.

Orma V. Keuper, 251 E. Market St., Monroe, Wis. Teacher.

Lucile Kleiner, Eau Claire, Wis.

Hans C. Larsen, Lieut., Stoughton, Wis.

Mildred Little, 301 N. Water St., Reedsburg, Wis.

Wilfred M. Lucas, 1511 Spruce Place, Minneapolis, Minn.

§Wanye A. Marchant, Rosendale, Wis.

Marian E. Maynard, Sheboygan, Wis. Teacher.

Robert Crawford, McClain, Oakfield, Wis.

*Jens Nelson

§Clare O'Donnell, Ordnance Dept., Box 518, Muscle Shoal, Ala.

William E. Orvis, 251 W. 93d St., New York City, Western Electric Co.

Rev. Richard William Owne, Box 508, Fair Haven, Vt.

Doris Helen Potter, Neenah, Wis.

§Erwin F. Reichmuth, Lieut., Ripon, Wis.

Rev. Edward S. Roberts, Barneveld, Wis.

§Carl P. Russell, Lieut., Fall River, Wis.

John R. Roberts, Princeton Seminary, N. J.

§Vernon F. Selden, Fox Lake, Wis. Teacher.

Marian Shaw, 1404 Pacific St., Brooklyn, N. Y.

§Morrison, Sims, Brandon, Wis.

Cora Davis Smith, Pana, Ill. Teacher.

Charlotte Walls, 210 W. Central Ave., Delaware, O.

§Delmar Wensink, Plymouth, Wis.

§Marvin John Williams, 225 Scott St., Oshkosh, Wis.

1915

Ethel May Callahan, Ripon, Wis.

§William Chase Carpenter, Plymouth, Wis.

Will Robert Davies, Cambria, Wis.

Jessie De Both, Iron Mountain, Mich. Teacher.

§Deloraine Keith Dunlap, 1621 W. Division St., Chicago, Ill.

Harry Falconer, Pardeeville, Wis.

Charles Robert Finnegan, Lavallo, Wis.

Brooks Howard, Wabash, Ind.

§Milton Herman Hostman, Foreman, Dry Kilns, Naval Air Craft Co., Navy
Yard, Philadelphia, Pa.

Ida Sophie Johnson, Phillips, Wis.

§George John Krebs, Fort Atkinson, Wis.

Henry Lewis (Rev.), Barneveld, Wis.

- Harry John McNicholas, Bureau of Standards, Washington, D. C.
 Julian Yerkes Malone, W. State St., Jacksonville, Ill.
 §Clyde Spencer Morgan, Lieut., Oakfield, Wis.
 †Bessie Murray, Ripon, Wis.
 †Martha Jean Mutch, Iron Mountain, Mich. Teacher.
 §Frank Joseph Palukas, Princeton, Wis.
 Lorraine Peter, Beloit, Wis. Teacher.
 §William Hall Preston, Mauston, Wis.
 *Chester Arthur Shortt, Oakfield, Wis.
 Margaret Helen Smith, Grafton, N. D. Teacher.
 Florence Blaine Williams, Waupun.
 William August Zinzow, Wausau, Wis. Teacher.

1914

- §Ray Morse Atcherson, Tomahawk, Wis.
 Hazel Marie Atwood, Janesville, Minn. Teacher.
 Lelia Etta Barber, Black Earth, Wis. Teacher.
 §Arthur Earl Beauchamp, Jacksonville, Ill.
 Henrietta Belden, 6132 Kenwood Ave., Chicago, Ill.
 Ruth Hazel Brewer, 505 W. Court St., Weiser, Idaho. Teacher.
 Olive Marian Burnside, Green Bay, Wis. Teacher.
 Donald Wayne Densmoor, Bozeman, Mont. Teacher Coml. work.
 §Nathaniel B. Dexter, Ashland, Wis.
 §Edward Gerber, Durand, Wis.
 Eva Ina Holiday, West Bend, Wis. Teacher.
 Cora LaVerne Hoppough, Olivet College, Olivet, Mich.
 Edgar Thomas Jones, Oshkosh, Wis.
 Irma Faye Knight, Markesan, Wis.
 *Shirley Faye Knight
 Clarence Arthur Kopp, 510 Grand Ave. W., Eau Claire, Wis.
 §Elwyn Busian Krause, Ripon Wis.
 §Arthur John Martin, Sheboygan, Wis.
 Fred Maynard, Sheboygan, Wis.
 Ruby May Morgan, Randolph, Wis.
 Ida Margaretha Pleuss, Brandon, Wis.
 Rev. Robert P. Preston, Fiske University, Nashville, Tenn. Purchasing
 Agent of Food Supplies for Draftees & Students.
 Robert Elliott Preston, Shorter College, Rome, Ga.
 §Byron James Rock, Lieut., Plymouth, Wis.
 Ruth Lillian Rottman (Mrs. Chas. Boyd), 25 Brainard, Detroit, Mich.
 §Frank Rueping, Fond du Lac, Wis.
 Ray Edwin Searle, Lieut., Ripon, Wis.
 Edwin Jefferson Smith, Vermillion, S. D.
 Carol Eloise Sweet, Darlington, Wis. Teacher.
 Lester Frank Thomas, Watertown, Wis.
 Ruth Evelyn Van Kirk, 609 S. Clay St., Green Bay, Wis.
 §Arthur Henry Wegel, Lieut., Fond du Lac, Wis.
 Lillian Anna Zobel, Ripon, Wis. Graduate Work Ripon College.

1913

- Bert Llewellyn Choate, Waupun, Wis.
 §Carl Susan Cragoe, Oakfield, Wis.
 William Henry Davies, Cambria, Wis.

- Rowland Evans, Cambria, Wis.
 §Charles C. Finnegan, Lieut., New Richmond, Wis.
 Lowell Pierce Goodrich, Ripon, Wis. Principal High School.
 §Louis E. Graf, Ripon, Wis.
 Eleanor May Grant, Dickinson, N. Dak. Teacher.
 §Carl F. Hanske, Kiel, Wis.
 Fred Hermann, 208 N. Wells St., Chicago, Ill.
 Mae Augusta Holiday, Monroe, Wis. Teacher.
 Jane Blodwen Jones (Mrs. Lowell Goodrich), Ripon, Wis.
 Angeline Persis Jones (Mrs. Thomas Scott), Charleston, S. C.
 305 Oakland Ave., Milwaukee, Wis.
 Louis Kornder, 2419 Pershing Ave., Davenport, Ia.
 Belle LeClaire, Hotel Penwell, Missoula, Mont. Teacher.
 Charlotta Beatrix Liebman, 109 W. Jackson St., Morris, Ill.
 William Hinslea Lyon, Brandon, Wis.
 Elizabeth Meshynsky, Crosby, Minn. Teacher.
 Thomas Smith Murrish, Stevens Point, Wis.
 Alma Helen Nohr (Mrs. H. M. Church), La Crosse, Wis., 920 Rose St.
 §Gordon Francis O'Connor, Fond du Lac, Wis.
 §Edgar P. Rosenthal, Montevideo, Minn. Principal H. S.
 Clarence James Rottman, Westinghouse Research Laboratory, Pittsburgh, Pa.
 Adele Fredericka Schaar, Fond du Lac, Wis.
 Jeannne Roy (Mrs. Glenn Whittet), 9 N. Jackson St., Janesville, Wis.
 Robert Albert Shafer, Rosendale, Wis.
 Helen Annette Smith, Joliet, Ill.
 Ray Albert Sorenson, Merrill, Wis. Teacher.
 §Alfred DeLoyd Sutherland, Lieut., Fond du Lac, Wis.
 Harry Albert Swartz, 800 S. Alvarado St., Los Angeles, Cal.
 William H. Taylor, 507 Crest Ave., Charleroi, Pa.
 Mary Elvira Weeks, Chemist, New Jersey Zinc Co., Franklin, N. J.
 John E. Williams, Milwaukee, Wis.

1912

- Charles B. Atwood, 5326 W. 24th St., Chicago, Ill.
 Arthur Carroll Barry, Montello, Wis.
 Theodore H. Bast, Piedmont College, Demorest, Ga.
 Horace A. Bumby, Ripon, Wis. Ripon Produce Co.
 Roy Harry Cameron, Oshkosh, Wis.
 §Claude Henry Cragoe, Lieut., Oakfield, Wis.
 Maude Elizabeth Cragg, Lewiston, Ill. Principal of Schools.
 Mildred Irene Dockery (Mrs. E. C. Johnson), Ripon, Wis.
 Genevieve Marion Dopp (Mrs. Ed. Cragoe), Oakfield, Wis.
 Christine Elizabeth Draeger, Fond du Lac, Wis.
 §George Lauren Duffie, Kansas City, Mo.
 Sigrid Esbensen, Box 268, Bend, Ore.
 William Lee Finnegan, 3304 Vista St., St. Louis, Mo.
 Frances Mary Foote (Mrs. Robt. Flood), Bellevue, Idaho.
 Edward Daniel Fruth, Fond du Lac, Wis. Athletic Director H. S.
 §Harvey William Guetzloe, Kiel, Wis.
 Llewelyn Jones, Devils Lake, N. D.
 Corinna Albertine Kirchgorg, Mrs., 514½ Greenbush Ave., Milwaukee.
 Ellis Llewellyn Krause, Marietta, O.
 Anna Luella Larkin (Mrs. Thomas Brinton), Africa.

Ethel Emma Lyon, Park College, Parkville, Mo.
 Eileen Agnes Miller, Ripon, Wis.
 §James Clarence Mutch, Lieut., Ripon, Wis.
 Glen Raymond Otis, Owatonna, Minn.
 Humphrey William Owen, Nevin, North Wales.
 Perry Sheldon Pray, Gilbert, Minn.
 Albert Jacob Stelter, Vassar, Mich.
 Carl Wesle Utgard, Amherst, Wis. In business.
 Robert V. Young, 759 E. Washington St., Morris, Ill.

1911

Rev. Carl Peter Bast, Iowa Falls, Iowa.
 Myrtle Marie Bletsoe, Sharon, Wis. Teacher.
 Laura Cunningham (Mrs. G. Runals), Pomona, Cal.
 Royal Edwin Davis, Aurora, Ill. Athletic Director.
 Robert Newcomb Gibson, 903 E. Main St., Lansing, Mich.
 §Dr. Bruno J. Glaubitz, 1775 Wilson Ave., Chicago, Ill.
 Helen Hazel Goodrich, Ripon, Wis.
 Ruth Frances Gower, Eau Claire, Wis. Teacher.
 §Emmitt Albert Hassett, Lieut., Merrill, Wis.
 Howell Humphrey, Wild Rose, Wis.
 Mabel Holthoff (Mrs. Jas. A. Russell), 4602 Racine Ave., Chicago, Ill.
 Robert A. Humphrey, Wausau, Wis.
 Frank Sidney Hyer, Stevens Point, Wis. Normal.
 §James Elton Imrie, Roberts, Wis.
 Haydn Anthony Johns, Randolph, Wis.
 *Latimer Johns
 Irmagard Jones (Mrs. Austin Morrison), Port Edwards, Wis. Teacher.
 Harvey Earl Larsen, E. Lansing, Mich.
 George Henry Lewis, Forman, N. D.
 George Henry Lucas, Gettysburg, S. D.
 Oscar Henry Lichtenberg, Princeton, Wis.
 Harold J. MacNeill, Wauwatosa, Wis.
 Cora Maude Manaton, Waterford, Wis. Teacher.
 Ethel Adele Miller, Ripon.
 Myrle Ann Miller, Ripon.
 Vine Miller, Ripon.
 Avis Mooney, Ripon, Wis. Instructor Ripon College.
 §Frank G. Mooney, International Harvester Co., So. Chicago, Ill.
 Mace McCracken Morse, Princeton, Wis.
 Frank Marcel Nickodem, Princeton, Wis.
 Ruth Osgood (Mrs. Ira P. Denning), Corydon, Ia.
 Chauncey George Peters, 4701 Connecticut Ave., Washington, D. C. Bureau of Standards.
 Herman Carl Piehl, Inkster, N. D. Teacher.
 Guy A. Russell, Ripon, Wis. RFD.
 Lydia Leonore Schaper, Two Rivers, Wis. Teacher.
 Ethel Sutherland, Fond du Lac.
 Mary Buckley Taintor, Venice, Calif. High School.
 Leonard Newton Thompson, 1818 Laurel Ave., St. Paul, Minn.
 Jessie Thomas (Mrs. Benjamin Schiek), 896½ Newhall St., Milwaukee, Wis.
 Beryl Beatrice Thompson (Mrs. Arpin), Grand Rapids, Wis.
 William Francis Werfelman, Brooklyn, N. Y.
 Harold M. White, Madison, Wis.
 Louise Zobel, 2423 Park Ave., Indianapolis, Ind.

1910

- †Howard Anderson, Minneapolis, Minn.
 Allen C. Burg, Calumetville, Wis.
 Emma Louise Brister, 554 Prairie Ave., Kenosha, Wis. Teacher.
 William G. Bate, Mankato, Minn. Principal High School.
 Walter G. Butler, Montello, Wis.
 Jennie Ethel Chittenden, 2271 W. 25th St., Los Angeles, Cal.
- §Arthur Floyd Cook, Lieut.
 William J. Cotton, Chemical Examiner, Examining Division, U. S. Civil Service Commission, Washington, D. C.
 Edward J. Cragoe, Oakfield, Wis.
 Ira C. Davis, Pennington Hotel, Spokane, Wash.
 Henry W. Duel, 405 S. Jay St., Aberdeen, S. D. Central High School.
 James E. Dunlap, Ripon.
 Morgan Edwards, Commercial Dept. University of Montana, Bozeman, Mont.
 John Walter Elliott, Brockton, Mass. Business.
 Ole Forsberg, Buhl, Mont.
 Lloyd C. French, Ambridge, Pa. Prin. of Senior & Junior H. S.
 Abby M. Higgins (Mrs. Chas. Englebracht) 728 Worden St. S. E., Grand Rapids, Mich.
 Thomas J. Hill, Ashland, Wis. Teacher.
 Frances Ethlyn Holt, Lewiston, Mont. Teacher.
 Ralph A. Holvenstot, Bloomer, Wis. Insurance.
- *Roy Vernon Imrie.
 John E. Jones, 2330 N. Halstead St., Chicago, Ill.
 John R. Jones, Madison, Wis.
 Samuel T. Kidder, Jr., Room 23 State, War & Navy Bldg., Washington, D. C.
 George L. Kingsbury, Winchester, Wash. Orchardist.
 John W. Lowe, Waukesha, Wis. Professor Carroll College.
 Harvey H. Mader, Yankton, S. D. H. S.
 Francis Augustus McCray, Green Lake, Wis.
 William F. Meggers, Bureau of Standards, Washington, D. C.
 Edward Merbach, Antigo, Wis. Principal High School.
 Helen Mutch (Mrs. H. A. Clark), 1066 Kincaid St., Eugene, Ore.
 Nellie Owens, Randolph, Wis.
 Ira S. Parker, Tomahawk, Wis.
- *Clinton Virgil Reed
 Jesse M. Reed
 Belva L. Ronne, Racine, Wis. Librarian H. S.
 Arthur E. Schaar, Fond du Lac, Wis. Printer.
- *Erminine Rawlings Sherman.
 Rena B. Stuart, Green Bay, Wis. Teacher West Side H. S.
- §Wilbert L. Smith, Lieut. Milwaukee.
 Joseph E. Swetland, Ellendale, N. D.
 Raymond L. Wegel, Western Electric Co., New York City.
 Robert A. Weir, West Publishing Co., St. Paul, Minn.
- †Ralph Edward Winchester, 3211-33d St., Seattle, Wash.
 Erna I. Zobel (Mrs. Emmons Leutscher), Ripon, Wis.

1909

- Albert E. Broker, 403 Farmers Bank Bldg., Pittsburgh, Pa.
 §John D. Davis, Randolph, Wis.

- Pearl Davison (Mrs. G. C. Davison), 213 Elm St., Swarthmore, Penn.
 *Edward DeBoth, M. D.
 George W. Friedrich, Fond du Lac, Wis.
 Mabel Frost (Mrs. Frank Haigh), Walla Walla, Wash.
 Bernice Gibson, Clintonville, Wis.
 Ellen May Griffiths, Rosendale, Wis.
 Willard Wellington Hodge, University of North Dakota (Grand Forks).
 University, N. D.
 Helen Hughes, R. F. D. No. 3, Madison, Wis.
 Paula Jussen, Ripon, Wis.
 Dena R. Knop, Fond du Lac, Wis.
 Jeanette Lamb, Roberts, Wis. Teacher.
 Harriet J. Morse (Mrs. W. Newcombe), Glenewlyn, Ill.
 Edna Rosina Murray, Ripon. Red Cross Nurse, France.
 Sadie M. Prout, Ripon.
 †Walter John Reseburg, 4209-39th St., Seattle, Wash.
 William J. Sizer, Colfax, Wis. Principal High School.
 Frances F. Sanford (Mrs. S. Corey), Athens, Wis.
 Carey K. Smith, MacAllen, Tex.
 *Ernest George Smith.
 Jessie Talbot, Glenwood, Wis.
 Edmund A. Yahr, Antigo, Wis. Business.
 Otto Julius Zobel, Western Electric Co., New York City.

1908

- Bessie B. Barnes (Mrs. Caldwell), Waupun, Wis.
 May T. Bumby (Mrs. H. A. Severy), 1625 Grand Ave., Milwaukee, Wis.
 Henry F. Cope, 332 S. Michigan Ave., Chicago, Ill. Genl. Secy. Religious
 Education Association.
 John S. Dexter, New London, Wis.
 Emily S. Dexter, New London, Wis.
 Frances Fordice (Mrs. C. E. Fink), Eldorado, Wis.
 Blanche M. Gibson, Clintonville, Wis.
 Frank L. Haigh, Whitman College, Walla Walla, Wash.
 Christina R. Hargrave, (Mrs. George Crowell), Swissvale, Penn.
 Mrs. Bird Hitchcock Fraser, Royal Oak, Mich.
 Wm. L. Kaiser, 1466 Michigan Ave., Chicago, Ill. Sumter Electric Co.
 Earl L. King, Belgaum, India.
 Edna H. Merrell, Holyoke, Mass.
 John Thomas Owens, Randolph, Wis.
 Newton P. Richardson, 600 Polk St., Gary, Ind.
 Leonard G. Schneller, Waupaca, Wis.
 Robert Griffin Sherwood, Pyrex Glass Co., Corning, N. Y.
 Ruth Thompson, 4600 Upton Ave. So., Minneapolis, Minn.
 Gilbert Tomkins, Wauwatosa, Wis.
 Helen P. Toombs, 515 Jackson St., Fort Worth, Tex. Librarian.
 Lee West, Los Angeles, Cal.
 Lola Zobel (Mrs. Edward Pares), 1203 Marquette Road. Chicago, Ill.

1907

- Bessie I. Barlow (Mrs. Wm. B. Murray), 212-2d Ave., Ashland, Wis.
 E. Lillian Crowther, Fergus Falls, Minn. Teacher.
 *Martha Dexter (Mrs. Thomas M. Bobb), Ashland, Wis.

- Lois E. Foote (Mrs. C. M. Perkins), Bellevue, Idaho.
 Anne H. Hill, Minot, N. Dak. Teacher.
 §Bernard F. Hemp, Spokane, Wash.
 Ida B. Lobb (Mrs. F. E. Boese), 375 Lafayette Pl., Milwaukee, Wis.
 Nina M. Sheldon (Mrs. John A. Powell), 4575 Ambrose Ave., Los Angeles, Cal.
 †Rev. Owen Robert Williams.
 Sarah E. Wills (Mrs. J. R. Edwards), Ryder, N. D.
 Edgar Zobel, Ripon, Wis.

1906

- §Frank LaFayette Anders, 410-9th Ave. S., Fargo, N. Dak. Civil Engineer.
 Frank Norman Dexter, Rev. Elroy, Wis.
 Burtus Seneca Gifford, Rev., Tabriz, Persia. Missionary.
 Grace Gertrude Goodrich, Ripon, Wis. Professor of Classics, Ripon College.
 Josephine Ruth Hargrave, Ripon, Wis. Librarian, Ripon College.
 Aimee Laura Kellogg (Mrs. B. Vandervelde), Milwaukee, Wis.
 Mary Bertha Hargrave (Mrs. F. L. Anders) 410-9th Ave. S., Fargo, N. D.
 Cora Eugenie Morse (Mrs. F. E. Volk), 421 S. Mills St., Madison, Wis.
 Morton Newcomb, Osseo, Wis.
 Frances Piekarski, Berlin, Wis. Teacher.
 †Mabel Eva Rawlings, St. Joseph, Mo.
 Elizabeth Richardson, Clarkston, Wash. Supervisor of Music.
 Lewis Herbert Skidmore, Rev., Plymouth, Wis.
 David Thomas, Rev., Chicago, Ill.
 Bartholomew Vandervelde, Miller, Mack & Fairchild, Milwaukee, Wis., Lawyer.
 Eugene Fred Volk, 421 S. Mills St., Madison, Wis. Librarian, Engineering Dept. State University.

1905

- †Florence I. Eggleston, Ripon, Wis.
 May B. Hill (Mrs. D. E. Frank), 889 Hackett Ave., Milwaukee, Wis.
 Charles W. Holbrook, Sheboygan, Wis. Teacher.
 †Albert J. Lobb.
 *George C. Merrell.
 Chester B. Morse, Ogden, Utah. Government Forestry.
 Jennie M. Owens, Blue Earth, Minn. Teacher.
 John A. Powell, 4575 Ambrose Ave., Los Angeles, Cal. Attorney.
 Augusta L. Reichmuth, Manitou, Colo. Teacher.
 †Nellie D. Sanford (Mrs. M. M. Newcomb).
 Samuel Ray Scholes, W. H. C. Fry Glass Co., Rochester, Pa. Chemist.
 †William Hill Thompson.
 Gertrude M. Utter (Mrs. Chas. W. Holbrook), Sheboygan, Wis.
 Arthur J. Weisender, M. D., Berlin, Wis.
 Robert L. Williams, M. D., Wales, Wis.

1904

- Anna E. Bloom (Mrs. Wilbur Sparks), Crystal Lake, Ia.
 Clara A. Bloom, Neenah, Wis. Journalist.
 Edith B. Chandler, 45 W. 2 South, Provo, Utah.
 *Flora L. Clawson (Mrs. Robert Williams).

Howell D. Davies, Rev., Wauwatosa, Wis. Pastor First Congregational Church.

Eva Floy Davis (Mrs. V. A. Suydam), Grinnell, Ia.

Erwin C. Dawley, Wausau, Wis. Gill-Dawley Lumber Co.

Ruth Hall (Mrs.), Ripon, Wis.

David B. Jones, Ph. D., Bureau of Chemistry, Washington, D. C.

William Ash Lamb, Roberts, Wis. Farmer.

*Jessie McDermid.

Julia H. Merrell (Mrs. H. D. Davies), Wauwatosa, Wis.

James Russell Stewart, Ripon, Wis.

*Edgar S. Newschwander.

Conrad Vandervelde, 1111 West St., Emporia, Kan. Dean, The College of Emporia.

1903

Margaret Agnes Abel (Mrs. Furch), Cheney, Wash.

†Warren Howard Barber, 2306 Marengo St., New Orleans, La.

§Dirk Bruins, M. D., Corner Wells & 23d St., Milwaukee, Wis.

Arthur Joseph Batty, M. D., Portage, Wis.

Jolana Belle Cate (Mrs J. Brenneman), Brownville, Ore.

Russell Thompson Congdon, M. D., Wenatchee, Wash.

Allen Harwood Duffie, Lewiston, Idaho. Orchardist.

†Robert William Griffith (Rev.), Milk River, Alberta, Canada. Presbyterian Minister.

Victor Sherwood Kutchin, Green Lake, Wis.

†Albert Guido Meier, 1923 Ashland Ave., St. Paul, Minn.

Laura Angelica Meier, College of Emporia, Emporia, Kan.

†Caroline Madge Morse (Mrs. Decker), Benton, Wis.

1902

Joanna Belle Beebe, Princeton, Wis. Teacher.

Arthur Gunderson Hayden, 303 Hamilton St., Albany, N. Y. Barge Canal Office.

John Daniel Jones (Rev.), Ottawa, Minn.

Harriet Evelyn Lehman (Mrs. Sherwood Kutchin) Green Lake, Wis.

Wanda Laurie Nohl (Mrs A. N. Merrifield), Fort Benton, Mont.

Luther Lampheare Wright, Flint, Mich.

1901

Arloine Ayer (Mrs. Robert Hall), 38 Hubbell Ave., Buffalo, N. Y.

James Edward Batty, 410 Y. M. C. A., Dallas, Tex.

Harold Giles Churchill, Endeavor, Wis., Bank Cashier.

Lotta Elizabeth Clark, 224 Custer St., Billings, Mont.

†Grace Margaret Collins.

George Wilson Beattie, So. Hartford, N. Y.

Frederick C. Boller, Reserve, Wis.

James Alexander Davidson 261 Robert St., Hamilton, Ontario.

Harriet Davies, M. D., Habiganji, So. Sylhet Dist., India.

William Reese Davis, Walla Walla, Wash. Whiteman College.

*Hugh Jones Edwards, M. D.

Jennie Hall, 506 S. Walnut St., Springfield, Ill. Teacher.

Mary Powell Hall, Ripon, Wis.

Robert Sidney Hall, 38 Hubbell Ave., Buffalo, N. Y.
 David Helm Holbrook, 2481 W. 42d St., Minneapolis, Minn.
 Edith Blackman Merrell (Mrs. W. R. Davis), Walla Walla, Wash.
 Mildred Corinne Mitchell.
 Carrie Zettie Morse, 529-23d St., Ogden, Utah.
 Margaret Abiah Older, Dayton, O. High School.
 David Kendrick Roberts, Wales, Wis.
 Ira Adams Russell, Ripon, Wis. Farmer.
 Rev. John Rogers Thomas, Ebensburg, Pa.

1900

Donald Edward Frank, 889 Hackett Ave., Milwaukee, Wis. Teacher East Division High School.
 Sarah Clyde Mitchell (Mrs. S. S. Morse), Racine, Wis. R. F. D.
 William John Stewart, (Rev.) 2260 Scarth St., Regina, Sask.
 William Daniel Williams (Rev.), Lemmon, N. D. Minister, Presbyterian Church.

1899

Ralph Hale Buckland, M. D., Green Lake, Wis.
 Isabella Webster Collins, (Mrs. F. E. Morley), Viroqua, Wis.
 Max Alfred Bussewitz, Professor Chemistry, State Normal School, Milwaukee, Wis.
 Lulu May Dysart, 2305 Sycamore St., Milwaukee, Wis. Teacher.
 Alexander Walter Hargrave, Ripon, Wis. Farmer.
 Pearl Selma Hendrickson (Mrs. E. C. Hall), 680-49th St., Milwaukee, Wis.
 §John Samuel Foat, M. D., Ripon, Wis.
 †Ebenezer Edwin Jones, Los Angeles, Cal. Minister, Presbyterian Church.
 Mentor Valerius Karl Jopp, 1118 La Trobe Ave., Austin, Chicago, Ill. Attorney.
 †Julia Elizabeth Lehmann, The Cedars, Woodland, Wis.
 Samuel Smith Morse, M. D., R No. 3, Racine, Wis.

1898

Helen Burnham Bottum, Ripon, Wis.
 *Harry David Clark,
 Carrie Lee Dysart, 2305 Sycamore St., Milwaukee, Wis.
 †Blanche Julia Buck, Appleton, Wis. Teacher.
 Silas Evans, D. D., LL. D., President, Occidental College, Los Angeles, Cal.
 Alice Kneeland Flagg (Mrs. W. C. Hitchcock), 1208 Second Ave., W. Ashland, Wis.
 Albert Henry Griffith, F. D. R., Fisk, Wis.
 Ernest Eugene Hemingway, M. D., 14th Ave. & 42d St. N. E., Seattle, Wash. Physician and Surgeon.
 Hugh William Griffith, 53 Gaylord Ave., Plymouth, Pa.
 William Ernest Hargrave, Roberts, Wis. Farmer.
 Wallace Chester Hitchcock, Dean, Northland College, Ashland, Wis.
 Jessie DeEtte Jackson (Mrs. S. A. Hadley), Merrill, Wis.
 Mary Ellen Jones (Mrs. R. G. Jones), Oshkosh, Wis.
 Robert Henry Jones, Emporia, Kans. Minister, Presbyterian.
 Phillip Leahy, Chippewa Falls, Wis. Principal Business College.

- Lottie Munsell, Wells River, Vt. Teacher.
 Edwin Arthur Ripley, 122 Main St. Mandan, N. D. Attorney & Investment Banker.
 §Paul Jennings Thompson, 600 Security Bank Bldg., Minneapolis, Minn.
 *Henry Archibald Young.

1897

- Alzina Meroa Kelly (Mrs. H. O. Bethel), Hartford, Ia.
 Grace Gifford Lewis (Mrs. E. R. Oliver), No. 04601 Jefferson St., Spokane, Wash.
 Frank Helmer McAssey, Richmond, Ill. Insurance.
 Robert Morris, Arpin, Wis.
 Elmer Rufus Oliver, No. 04601 Jefferson St., Spokane, Wash.
 Garrett William O'Neil, Federal Bldg., Seattle, Wash. Custodian.
 *Victor Edwin Palmer.
 †Henry Moody Pinkerton, 25 Honore St., Chicago, Ill. Probation Officer, Juvenile Court.
 Frank Beals Sheerar, Omro, Wis.
 *Ida Wolff.

1896

- Carrie White Denison (Mrs. Victor E. Palmer), Hartford, Wis.
 Edith Mabel Evans (Mrs. O. E. Ecke), Los Angeles, Cal.
 Hugh Cadwalader Griffiths, 131 S. 4th St., Bangor, Pa. Minister, Welsh Calvinistic.
 Edwin Charles Hall, 680-49th St., Milwaukee, Wis.
 Jennie McDermid (Mrs. Frederick Burman), Barbourville, Ky.
 Arthur William Newcomb, 50E. 42d St., New York City. Editor and Author
 Isabella Margaret McQueen, Rhinelander, Wis.
 Jessie Ellen Spooner, 2053 Lincoln Ave., St. Paul, Minn.

1895

- David Robert Davies, Linn Grove, Ia. Minister, Baptist.
 Leila DeEtte Jackson, Merrill, Wis., care of Mrs. Jessie D. Hadley.
 Frederick W. Heberlein (Rev.), Superintendent Western District Congregational Churches of Wisconsin, Ashland, Wis.
 Daniel R. Jones, Wahpeton, N. D. Attorney.
 Mary McDermid (Mrs. Wm. B. Minton), Box 170, Barbourville, Ky.
 *Blanche Eliza Pinch.
 John Southworth Rountree, 1016 Karpen Bldg., Chicago, Ill. Attorney.

1894

- Benjamin Harrison Brown, 39 Garden City Heights, Walla Walla, Wash. Prof. of Physics.
 Elwyn Francis Chandler, State University, University of N. Dak. Professor of Mathematics.
 Julia Moore Dickinson (Mrs. Irwin A. Pearsall), Rice Lake, Wis.
 Mary Jeanette McQueen, Rhinelander, Wis.
 Mary Eliza Morse (Mrs. W. M. Short), Sioux City, Ia.
 Roy Lewis Morse, Fond du Lac, Wis. Attorney.
 Margaret May Sutherland, Kemendine, Burmah, Missionary, Teacher in Girls' School.

1893

Horace Orlando Bethel (Rev.), Hartford, Ia.
 Margaret Bochart Hamilton (Mrs. J. W. Cabeen), Honey Creek, Wis.
 Ernest Henry Mercer, M. D., 927 Market St., San Francisco, Cal.
 Elmer Addison Morse, 600 First Ave., Antigo, Wis. Attorney.

1892

Charles Hamilton Dunbar, Picketts, Wis.
 Emilie May Stickle (Mrs. Wm. F. Friedman), 7024 Yale Ave., Chicago, Ill.
 Ellen Amelia Stickle (Mrs. G. J. Harris), Lena, Ill.
 †John Oscar Ostrom.
 Mamie Lucilda Newton (Mrs. J. Swearingen), Toledo, O.
 Arthur James Mercer, 111-12th St., San Francisco, Cal. Contractor.

1891

Mary Blanche Dunbar (Mrs. Geo. H. Nordvi), Picketts, Wis.
 Nellie Blanche Eggleston (Mrs. W. E. Haskell), 301 W. 109th St., New York City.
 *Wilton Brewster Judd.
 Arthur Eastman Leonard, D. D., La Grange, Ill.
 Ella Elizabeth Meyer, Ripon, Wis.
 William Barrett Millard, D. D., Secy., Church Federation Council, 19 S. La Salle St., Chicago, Ill.
 Samuel Marcellus Pedrick, Ripon, Wis. Attorney.

1890

*Charles Danforth Campbell.
 Eleanora Sophronia Everhard, M. D., The Calvert, Dayton, O.
 May Curtis Wheeler, 509 Honore St., Chicago, Ill. Supt. Illinois Training School for Nurses.

1889

†Bertha Hobart Bacon (Mrs. Chas. T. Green), Marinette, Wis. Principal Grade Schools.
 Jennie Young Middleton, 100 Hardenbrook Ave., Jamaica, N. Y. Librarian.
 Isabella Holmes Phelps (Mrs. F. E. Gooding), Rochester, Minn.

1888

James Wallace Cabeen, Honey Creek, Wis. Minister, Baptist.
 Luther Davies, 163 Main St., Oshkosh. Merchant.
 Willies Penfield Elwood, Palami, India, Missionary, American Board.
 *Anna Moncrief Hamilton (Mrs. J. W. Cabeen).
 Flora Edith Hockenhull (Mrs. Philip Leahy), Chippewa Falls, Wis.
 *Thomas John Jones.

1887

Emelie Nohl (Mrs. George Kreutzer), Athens, Wis.
 *Marian Amoret Sargeant (Mrs. C. W. Williams).

1886

Orrin Wright Bow, Loan & Trust Bldg., Milwaukee, Wis.
 Frederick Merrell Brigham, 221 Horttler St., Germantown, Pa. Business.
 Fremont Rodger Crabtree, 2449 Grand Ave., Milwaukee, Architect.
 Edward Tracy Merrell, 123 W. Madison St., Chicago, Ill.
 Maude Lincoln Merrell (Mrs. B. H. Brown), 39 Garden City Heights, Walla
 Walla, Wash.

Grace Morgan (Mrs. Luther Davies), 116 Church St., Oshkosh, Wis.
 †Grace Mouat, Janesville, Wis. Teacher.

Charles Hosmer Scribner, M. D., 674 East 27th St., Patterson, N. J.

*Louis Meade Sherman.

Lee Swift. Hayward, Wis.

†George Carl Weiss.

1885

†Mary Lampson Dobbs, Fond du Lac, Wis.

*Mark Thomas Halphide.

John Cleland Johnston, Waupun. Farmer.

1884

Margaret Booker (Mrs. W. R. Dawes), 1803 Chicago Ave., Evanston, Ill.
 William R. Dawes, 1803 Chicago Ave., Evanston Ill. First Vice President,
 Central Trust Co. of Illinois.

*Merritt Welcome Phillips.

Eliza Ruth Scribner (Mrs. J. W. Shepard) Squaw Brook Road, North Hale-
 don, N. J.

Fred Locatus Selden, 4307 N. Hermitage Ave., Chicago, Ill. Minister.

1883

Emma Osborn Cleaver, M. D. (Mrs. F. Parrott), Kobe, Japan.

Henry Seward Cooke, Kaukauna, Wis. Manager, Paper Mills.

Colin Clinton Joslyn, New York Life Bldg., Minneapolis, Minn. Attorney.

Samuel Melancthon MacNeill (Rev.), 243 E. Milwaukee Ave., Wauwa-
 tosa, Wis.

David DeLoyd Sutherland, Fond du Lac, Wis. Attorney.

1882

Constance Alice Adams (Mrs. W. F. Meyer), Red Lodge, Mont.

*Louie Pomeroy Adams.

*Clement Claude Campbell.

Caroline Wells Daniels, Independence, Ia. Dean of College for Women in
 State College, N. M. Retired.

†Clifton Fremont Hodge, Eugene, Ore.

Lucius Daniel Hopkins, Big Suamico, Wis. Minister, Episcopal.

John Roberts Jones, Hankinson, N. Dak. Business.

†Thomas Richard Jones, M. D.

Col. Chester Tullar Kennan, Hotel Coeur D'Alene, Spokane, Wash.,
 Mining Geologist & Engineer, Coeur D'Alene Mts., Idaho.

*Frederick William Meyer.

Mary Janes Montague (Mrs. H. H. Powers), 9 Billings Park, Newton, Mass.

Frank Knight Sanders, D. D., Ph. D., 25 Madison Ave., New York City.
 Edward Herbert Wilson, 153 Insurance Bldg., Milwaukee, Wis. Attorney.
 *Elvin Berry Savage.

1881

*Evelina Ackerman (Mrs. Thomas Armstrong)
 †Lovila Margaret Mosher, River Falls, Wis. Librarian State Normal School.
 †Hiram Hopkins Shaw.
 *Albert Jay Whiting.

1880

*George Washington Hatch, 56-58 Pine St., New York, N. Y. Editor, Insurance Age.
 Robert McEwen Phelps, M. D., St. Peter, Minn. Supt., State Hospital for Insane.
 Edward Jerome Roberts, 1923-1st. Ave., Spokane, Wash.
 *Harriet Jessup Rogers.

1879

Thomas Armstrong, Jr., National Bank of Arizona Bldg., Phoenix, Ariz. Attorney.
 *Wells Woodbridge Cook.
 Mary Eva Hodge (Mrs. Wm. LeRoy), Hartland, Wis.
 *Willard Addison Hodge, 11 Carroll Block, Madison, Wis.
 Orville Watson Mosher, New Richmond, Wis. Pres., New Richmond Roller Mills Co.
 Robert Thomas Roberts, D. D., Rome, N. Y., Minister Welsh Presbyterian.

1878

*Irenaeus J. Atwood.
 †Frederich Ames Dawes.
 *Sara Jane Sherman (Mrs. Chas. W. Headley).
 *Ella Mary Slater, Jamaica Plain, Mass.
 *Abbie Augusta Strong.
 Frank Newhall White, D. D., Y. M. C. A., Chicago, Ill.
 †Emma Marie Williams (Mrs. J. T. Sheehan), Waupun, Wis.

1877

Joesph H. Bottum, Faulkton, S. Dak. Judge, 10th Circuit of South Dakota.
 Ada Clark (Mrs. E. H. Merrell), care of Howell Davies, Wauwatosa, Wis.
 *David Davies.
 David Edward Evans, Poplar, Mont. District Missionary, Sioux Indians.
 Charles Wesley Headley, Winnebago City, Minn. Business.
 Susan Alice Jeffries, 68 S. Jackson St., Janesville, Wis. W. B. M. I. Secy. Young People's Work.
 †William Martin Lewis, 1626-35th Ave. S., Minneapolis, Minn.
 Perry Niskern, Berlin, Wis. Attorney.
 Alonzo Russell Northrup, Escanaba, Mich.

1876

*John Gallivan Ingalls.
 *John Wait Savage.
 Louis Kossuth Strong, San Diego, Cal. Real Estate.

1875

- Carroll Atwood, Madison, Wis. Tax Commissioner.
 Rosina Emma Batson, Burmah, India. Missionary.
 John Williams Hargrave, RFD No. 1, St. Petersburg, Fla. Minister.
 Mary Emily Harris, 112 Nevada St., Northfield, Minn. Teacher.
 Silas Henry Hillman, Lyle, Wash. Orchardist.
 Kossuth Kent Kennan, LL.D., 935 Cambridge Ave., Milwaukee, Wis.
 Attorney.
 †Mary Ann McAssey (Mrs. Pearse Pinch).
 Albert Julian Miller, Logan, Ia. Business.
 *John William Pinch.
 †Pearse Pinch (Rev).
 Adelaide Amanda Sargent (Mrs. J. J. Gibbs), Mayfield, Mich.
 Jean Caroline Sherwood (Mrs. A. W. Rankin), 916-5th St., S. E., Minneapolis, Minn. Author.
 Lyman Herschell Warner, Goodland, Nebr.

1874

- *Emma Helen Blair.
 Isabella Valucia Campbell (Mrs. J. B. Blakely), Neenah, Wis.
 *Ezra Porter Chittenden.
 †Edward Evans.
 *William Francis Hillman.
 *Benjamin Franklin Thomas.
 *Almira Isabelle Hobart.

1873

- *Henry Seely Akin.
 *Horatio Aldrich Brooks.
 *Sarah Frances Combs.
 Rowland Stevenson Cross (Rev.), 206-6th St., Livingston, Mont.
 Ida Elwell (Mrs. E. S. Tilson), West Salem, Wis. Author and Lecturer.
 William Foulkes, D. D., Walla Walla, Wash. Pastor First Presbyterian Church.
 †Oscar Emery Hanson.
 Marietta A. Hunter (Mrs. R. B. Abbott), Albert Lea, Minn.
 Harriette Almira Johnson (Mrs. Wm. Foulkes).
 *Henry Beeman Miter.
 Charles Merrills Pond, 2201 S. Humboldt Ave., Minneapolis, Minn. Attorney, Ex-Judge District Court.
 Fred W. Rogers, 1334 First National Bank Bldg., Milwaukee, Wis. Mortgage, Loans, Insurance.
 Jesse Fox Taintor, Ripon, Wis. Professor of English, Ripon College.

1872

- †John Wheelock Allen
 †James Monroe Brush
 *Frank Isaiah Fisher.
 *Sarah Ellen Scribner.
 *Martha Albina Shepard.
 *Margaret Blandenia Shoemaker.
 †Harmon Monroe Wilcox.

1871

*James Armstrong Blanchard.

*James Harvey Bradish.

*John Thomas Evans.

Joesph G. Davies, South Milwaukee, Wis. Attorney.

Moritz Ernest Eversz, D. D., 19 So. La Salle St., Chicago, Ill.

Sarah Ellen Powers (Mrs. J. H. Bradish), 1522 Ogden Ave., West Superior, Wis.

Albert Franklin Rust, 3706 Penn St., Kansas City. Mo.

Charles Howard Yeomans, Wheaton, Ill. Attorney.

1870

Daniel DeLoss Bathrick, Lyle, Wash.

Josiah Blackburn Blakely, 517 Oak St., Neenah, Wis.

Eunice Elizabeth Durand (Mrs. E. C. Lyman), Ruskin, Fla.

William Sylvester Holt, D. D., 423 Witherspoon Bldg., Philadelphia, Pa.

*Ella Emogene Mapes, (Mrs. R. W. Arnold).

*Rosa Emeline Olds (Mrs. W. M. Bristol)

Annah Miriam Smith (Mrs. F. Finsterback), 2816-3d St. N., Minneapolis, Minn.

*Albert Eugene Thompson.

1869

*Caroline Dency Chittenden (Mrs. J. M. Turner)

George Monroe Steele, M. D., 199 Algoma St., Oshkosh, Wis.

Isabella Sophronia Cragin, 8 Melrose St., Framingham, Mass.

1868

*Albert Jerome Chittenden.

†Emily Smith Cook, Washington, D. C. Clerk, Indian Bureau, Dept. of Interior.

*Lyman Beecher Everdell.

George Carleton Duffie, Pasadena, Cal.

*Myron Winslow Pinkerton.

*James Horace Tracy.

1867

Luthera Harriet Adams, Omro, Wis.

*Harriet Hemans Brown.

*Susan Ann Wright Salisbury.

*Mary Frances Spencer (Mrs. C. C. Thayer).

* Deceased.

§ In war service.

† Last known address.

‡ No information.

Alumni Index

- Abbott, Mrs. R. E. (See Hunter), 1873.
Abel, Margaret Agnes (Mrs. Furch), 1903.
*Ackerman, Evelina (Mrs. Thomas Armstrong), 1881.
Adams, Constance Alice (Mrs. W. F. Meyer), 1882.
Adams, Luthera Harriet, 1867.
*Akin, Henry Seely, 1873.
Allen, John Wheelock, 1872.
Anders, Frank La Fayette, 1906.
Anders, Mrs. F. L. (See Hargrave), 1906.
Anderson, Howard W., 1910.
Armstrong, Thomas, Jr., 1879.
Armstrong, Mrs. Thomas (See Ackerman), 1881.
Arpin Mrs. (See Thompson), 1911.
Atcherson, Ray Morse, 1914.
Atwood, Hazel Marie, 1914.
Atwood, Carroll, 1875.
Atwood, Charles B., 1912.
*Atwood, Irenaeus J., 1878.
Ayer, Arlouine (Mrs. Robert Hall), 1901.
Bacon, Bertha Hobart (Mrs. Chas. T. Green), 1889.
Bagemihl, Erna Louise, 1917.
Barber, Lelia Etta, 1914.
Barber, Warren Howard, 1903.
Barlow, Bessie I. (Mrs. William B. Murray), 1907.
Barnes, Bessie B. (Mrs. Caldwell), 1908.
Barry, Arthur C., 1912.
Bate, William G., 1910.
Bathrick, Daniel DeLoss, 1870.
Batson, Rosina Emma (Mrs. W. I. Price), 1875.
Batty, Arthur Joesph, 1903.
Batty, Foster John, 1902.
Batty, James Edward, 1901.
Beach, Ray, 1916.
Beattie, George Wilson, 1901.
Beauchamp, Arthur Earl, 1914.
Beebe, Joanna Belle, 1902.
Belden, Henrietta, 1914.
Bethel, Horace Orlando, 1893.
Bethel, Mrs. H. O. (See Kelly), 1897.
Birr, Otto A., 1916.
*Bjornstad, Emma I., 1918.
Blair, John F., 1917.
*Blair, Emma Helen, 1874.
Blakely, Josiah Blackburn, 1870.
Blakely, Mrs. J. B. (See Campbell), 1874.
*Blanchard, James Armstrong, 1871.
Bletsoe, Murtle Marie, 1911.
Bloom, Anna E. (Mrs. Wilbur Sparks), 1904.
Bloom, Clara Anabel, 1904.
Boardman, Rufus Norman, 1917.
Bobb, Mrs. Thomas (See Dexter), 1907.
Boese, Mrs. F. E. (See Lobb), 1907.

- Bollenback, Alfred William, 1918.
Boller, Frederick C., 1901.
Bonnell, Alice Iola, 1916.
Booker, Margaret (Mrs. W. R. Dawes), 1884.
Boote, Attabelle Jane, 1917.
Bottum, Helen Burnham, 1898.
Bottum, Joesph H., 1877.
Boyd, Mrs. Chas. (See Rottmann), 1914.
Bow, Orrin Wright, Jr., 1886.
*Bradish, James Harvey, 1871.
Bradish, Mrs. J. H. (See Powers), 1871.
*Bratlie, Elsa Sophie, 1916.
Brenneman, Mrs. J. (See Cate), 1903.
Brewer, Ruth Hazel, 1914.
Brickbauer, Lydia, 1918.
Brien, Herman H., 1917.
Brigham, Frederick Kerrell, 1886.
Brinton, Mrs. Thomas (see Larkin).
Brister, Emma Louise, 1910.
*Bristoll, Mrs. Wm. M. (See Olds), 1870.
Broker, Albert E., 1909.
*Brooks, Horatio Aldrich, 1873.
Brown, Benjamin Harrison, 1894.
*Brown, Harriet Hemans, 1867.
Brown, Harry G., 1918.
Bruins, Dirk, 1903.
Brush, James Monroe, 1872.
Bryan, Byrl Arthur, 1918.
Bryan, Ethel Lillian, 1918.
Buck, Blanche Julia, 1898.
Buckland, Ralph Hale, M. D., 1899.
Bumby, Horace A., 1911.
Bumby, May T. (Mrs. H. A. Severy), 1908.
Burg, Allen C., 1910.
Burman, Mrs. Frederich (See McDermid), 1896.
Burnside, Olive Marian, 1914.
Butler, Walter G., 1910.
Bussewitz, Max Alfred, 1899.
Byrum, Stafford Delos, 1917.
Cabeen, James Wallace, 1888.
Cabeen, Mrs. J. W. (See Hamilton), 1893.
Callahan, Ethel May, 1915.
*Campbell, Charles Danforth, 1890.
*Campbell, Claude Clement, 1882.
Campbell, Isabella Valucia (Mrs. J. B. Blakely), 1874.
Carey, Clayton Hames, 1916.
Carpenter, William Chase, 1915.
Carter, Maude E., 1918.
Cate, Jolana Belle (Mrs. J. Brenneman), 1903.
Chandler, Edith B., 1904.
Chandler, Elwyn Francis, M. A., 1894.
*Chittenden, Albert Jerome, 1868.
Chittenden, Caroline Dency (Mrs. J. M. Turner), 1869.
Chittenden, Ezra Porter, 1874.
Chittenden, Jennie Ethel, 1910.
Choate, Bert Llewellyn, 1913.

- Churchill, Harold Giles, 1901.
Clark, Ada (Mrs. E. H. Merrell), 1877.
*Clark, Harry David, 1898.
Clark, Lotta Elizabeth, 1901.
Clarke, Mrs. H. A. (See Mutch), 1910.
*Clawson, Flora L. (Mrs. Robert Willams), 1904.
Cleaver, Emma Osborn, M. D., (Mrs. F. Parrott), 1883.
Coffeen, Fayette Mervil, 1916.
Collins, Grace Margaret, 1901.
Collins, Isabella Webster (Mrs. F. E. Morley), 1899.
*Combs, Sarah Frances (Mrs. S. H. Greer), 1873.
Congdon, Russell Thompson, 1903.
Cook, Arthur Floyd, 1910.
Cook, Emily Smith, 1868.
Cook, Wells Woodbridge, 1879.
Cooke, Henry Seward, 1882.
Cope, Henry F., 1908.
Corbett, J. Fremont, 1917.
Corey, Mrs. S. (See Sanford), 1909.
Cotton, William J., 1910.
Covey, Paul D., 1916.
Crabtree, Fremont Rodger, 1886.
Cragg, Maude Elizabeth, 1912.
Cragin, Isabella Sophronia, 1869.
Cragoe, Carl Susan, 1813.
Cragoe, Claude Henry, 1912.
Cragoe, Edward J., 1910.
Cragoe, Mrs. Edward (See Dopp), 1912.
Cross, Rowland Stevenson, 1873.
Crouse, Clay, 1917.
Crowther, Lillian E., 1907.
Cujak, Antoinette, 1918.
Cujak, Frances, 1917.
Daniels, Caroline Wells, 1882.
Davidson, James Alexander, 1901.
*Davies, David, 1877.
Davies, David Robert, 1895.
Davies, Harriet, M. D., 1901.
Davies, Howell D., 1904.
Davies, John E., 1918.
Davies, Joseph G., 1871.
Davies, Luther, 1888.
Davies, Mrs. Luther (See Morgan), 1886.
Davies, William Henry, 1913.
Davies, Will Robert, 1915.
Davis, Eva Floy (Mrs. V. A. Suydam), 1904.
Davis, John N., 1909.
Davis, Ira C., 1910.
Davis, Royal Edward, 1911.
Davis, William Reese, 1901.
Davison, Pearl (Mrs. G. C. Davison), 1909.
Dawes, Frederick Ames, 1878.
Dawes, William R., 1884.
Dawes, Mrs. W. R. (See Booker), 1884.

- Dawley, Erwin C., 1904.
*De Both, Edw. R., 1909.
De Both, Jessie, 1915.
Decker, Mrs. (See Morse), 1903.
Denison, Carrie White (Mrs. Victor E. Palmer), 1896.
Denning, Mrs. Ira P. (See Osgood), 1911.
Dexter, Emily S., 1908.
Dexter, Frank Norman, 1906.
Dexter, John S., 1908.
*Dexter, Martha (Mrs. Thomas M. Bobb), 1907.
Dexter, Nathaniel Beach, 1914.
Dickinson, Julia Moore (Mrs. Irwin A. Pearsall), 1894.
Dobbs, Mary Lampson, 1885.
Dockery, Mildred Irene, 1912.
Doman, Charles H., 1918.
Donlin, Anthony, 1916.
Dopp, Genevieve, Marian, (Mrs. Ed. Cragoe), 1912.
Draeger, Christine Elizabeth, 1912.
Duel, Henry W., 1910.
Duffie, Allen Harwood, 1903.
Duffie, George Carleton, 1868.
Duffie, George Lauren, 1912.
Dunbar, Charles Hamilton, 1892
Dunbar, Mary Blanche (Mrs. Geo. H. Nordvi), 1891.
Dunlap, James E., 1910.
Durand, Eunice Elizabeth (Mr. E. C. Lyman), 1870.
Dysart, Carrie Lee, 1898.
Dysart, Lulu May, 1899.
Ecke, Mrs. O. E. (See Evans), 1896.
*Edwards, Hugh Jones, M. D., 1901.
Edwards, Mrs. J. R. (See Wills), 1907.
Edwards, Morgan, 1910.
Eggleston, Florence I., 1905.
Eggleston, Nellie Blanche (Mrs. W. E. Haskell), 1891.
Elliott, John Walter, 1910.
Ellis, Alden, 1918.
Elwell, Ida (Mrs. E. S. Tilson), 1873.
Elwood, Wills Penfield, 1888.
Ely, Austin Lee, 1917.
Englebracht, Mrs. Chas. (See Higgins), 1910.
Esbensen, Sigrid, 1912.
Evans, David Edward, 1877.
Evans, Edith Mabel (Mrs. O. E. Ecke), 1896.
Evans, Edward, 1874.
*Evans, John Thomas, 1871.
Evans, Rowland, 1913.
Evans, Silas, D. D., LL. D., 1898.
*Everdell, Lyman Beecher, 1868.
Everhard, Eleanora Sophronia, M. D., 1890.
Eversz, Moritz Ernest, D. D., 1871.
Falconer, Harry, 1915.
Farnsworth, Harry, 1918.
Farvour, Louis B., 1916.
Fink, Mrs. C. E. (See Fordice), 1908.
Finnegan, Charles Casey, 1913.

- Finnegan, Charles Robert, 1915.
Finnegan, William Lee, 1912.
Finsterbach, Mrs. F. (See Smith), 1870.
*Fisher, Frank Isaiah, 1872.
Flagg, Alice Kneeland (Mrs. W. C. Hitchcock), 1898.
Flood, Mrs. Robt. (See Foote), 1912.
Foat, John Samuel, M. D., 1899.
Foote, Frances Mary (Mrs. Robt. Flood), 1912.
Foote, Lois E. (Mrs. C. M. Perkins), 1907.
Fordice, Frances (Mrs. C. E. Fink), 1908.
Forsberg, Ole, 1910.
Foulkes, William, D. D., 1873.
*Foulkes, Mrs. William (See Johnson), 1873.
Fox, Max Jake, 1918.
Fraser, Mrs. Bird Hitchcock (See Hitchcock), 1908, A. M., 1918.
Frayne, John George, 1917.
French, Lloyd C., 1910.
Friedrich, George W., 1909.
Fritschel, Herbert E., 1916.
Frost, Mabel (Mrs. Frank Haigh), 1909.
Fruth, Edward Daniell, 1912.
Furch, Mrs. (See Abel), 1903.
Garber, Emma J., 1917.
Gerber, Edward, 1914.
Gibbs, Mrs. J. L. (See Sargent), 1875.
Gibson, Bernice, 1909.
Gibson, Blanche M., 1908.
Gibson, Robert N., 1911.
Gifford, Burtus S., 1906.
Glaubitz, B. J., 1911.
Gooding, Mrs. F. E. (See Phelps), 1889.
Goodrich, Grace Gertrude, 1906.
Goodrich, Helen H., 1911.
Goodrich, Lowell Pierce, 1913.
Goodrich, Mrs. Lowell Pierce (See Jones), 1913.
Gower, Ruth F., 1911.
Graf, Louis Encking, 1913.
Graham, Florence Ruth, 1917.
Grant, Eleanor May, 1913.
Green, Mrs. Charles T. (See Bacon), 1889.
*Greer, Mrs. S. H. (See Combs), 1873.
Griffith, Albert Henry, 1898.
Griffith, Hugh Cadwalader, 1896.
Griffith, Hugh William, 1898.
Griffith, Robert William, 1903.
Griffiths, Ellen May, 1909.
Groesbeck, Gladys L., 1918.
Guetzloe, Harvey William, 1912.
Hadley, Mrs. S. A. (See Jackson), 1898.
Haigh, Frank L., Ph. D., 1908.
Hall, Edwin Charles, 1896.
Hall, Jennie, 1901.
Hall, Mary Powell, 1901.
Hall, Robert Sydney, 1901.
Hall, Mrs. R. S. (See Ayer), 1901.

- Hall, Ruth (Mrs.), 1904.
*Halphide, Mark Thomas, 1885.
Hamilton, Margaret Bochart, (Mrs. J. W. Cabeen), 1893.
*Hamilton, Anna Moncrief (Mrs. J. W. Cabeen), 1888.
Hansen, Harold F., 1918.
Hanske, Carl Fred, 1913.
Hanson, Oscar Emery, 1873.
Hargrave, Alexander Walter, 1899.
Hargrave, Christina R., (Mrs. George Crowell), 1908.
Hargrave, John Williams, 1875.
Hargrave, Josephine Ruth, 1906.
Hargrave, Mary Bertha (Mrs. F. L. Anders), 1906.
Hargrave, William Ernest, 1898.
Harris, Mrs. G. L. (See Stickle), 1892.
Harris, Mary Emily, 1875.
Haskell, Mrs. W. E. (See Eggleton), 1891.
Haskin, Lynn G., 1916.
Hassett, Emmitt, A. 1911.
Hatch, George Washington, 1880.
Haug, Alma Margaret, 1917.
Hayden, Arthur Gunderson, 1902.
Headley, Charles Wesley, 1877.
*Headley, Mrs. C. W. (See Sherman), 1878.
Heberlein, Frederic W., 1895.
Helmich, Florence M., 1917.
Hemingway, Ernest Eugene, M. D., 1898.
Hemp, Bernard F., 1907.
Hendrickson, Pearl Selma (Mrs. E. C. Hall), 1899.
Hermann, Fred, 1913.
Higgins, Abby N. (Mrs. Chas. Englebracht), 1910.
Hill, Annie H., 1907.
Hill, Margaret M., 1918.
Hill, May B. (Mrs. D. E. Frank), 1905.
Hill, Thomas J., 1910.
Hillman, Silas Henry, 1875.
*Hillman, William Francis, 1874.
Hirst, Archie L., 1916.
Hitchcock, Bird G. (Mrs. A. E. Fraser), 1908, A. M., 1918.
Hitchcock, Mrs. W. C. (See Flagg), 1898.
Hitchcock, Wallace Chester, 1898.
Hobart, Almira Isabella, 1874.
Hockenhull, Flora Edith (Mrs. Philip Leahy), 1888.
Hodge, Clifton Fremont, 1882.
Hodge, Mary Eva (Mrs. Wm. LeRoy), 1878.
*Hodge, Willard Addison, 1879.
Hodge, Willard Wellington, 1909.
Holbrook, Charles W., 1905.
Holbrook, Mrs. C. W. (See Utter), 1905.
Holbrook, David Helm, 1901.
Holiday, Eva Ina, 1914.
Holiday, Franc M., 1918.
Holiday, Mae Augusta, 1913.
Holt, Frances Ethelyn, 1910.
Holt, William Sylvester, D. D., 1870.
Holthoff, Mabel (Mrs. Jas. A. Russell), 1911.

- Holvenstot, Ralph A., 1910.
Hopkins, Lucius Daniel, 1882.
Hoppough, Cora LaVerne, 1914.
Hostman, Milton Herman, 1915.
Howard, Brooks, 1915.
Howard, Harold T., 1916.
Hudtloff, Benjamin, 1918.
Hughes, Helen, 1919.
Hughes, John Wallace, 1916.
Humphrey, Howell, 1911.
Humphrey, Robert, 1911.
Hunter, Marietta (Mrs. R. E. Abbott), 1873.
Imrie, James E., 1911.
*Imrie, Roy V., 1910.
*Ingalls, John Gallivan, 1876.
Iverson, Anton O., 1916.
Iverson, William, 1918.
Jackson, Jessie DeEtte (Mrs. S. A. Hadley), 1898.
Jackson, Leila DeEtte, 1895.
Jeffries, Susan Alice, 1877.
Johns, Hayden A., 1911.
*Johns, Latimer, 1911.
Johnson, Anna, 1918.
*Johnson, Harriet Almira (Mrs. Wm. Foulkes), 1873.
Johnson, Ida Sophie, 1915.
Johnston, Elsa (Mrs. H. C. Melvin), 1916.
Johnston, John Cleland, 1885.
Jones, Angeline Persis, 1913.
Jones, Daniel R., 1895.
Jones, David B., 1904.
Jones, Ebenezer Edwin, 1899.
Jones, Edgar Thomas, 1914.
Jones, Jane Blowden (Mrs. Lowell Goodrich), 1913.
Jones, John Daniel, 1902.
Jones, John E., 1910.
Jones, John Roberts, 1882.
Jones, John R., 1910.
Jones, Irmagard (Mrs. Austin Morrison), 1911.
Jones, Lesley Hazel, 1918.
Jones, Llewellyn, 1912.
Jones, Mary Ellen (Mrs. R. G. Jones), 1898.
Jones, Robert Henry, 1898.
Jones, Mrs. R. G. (See Jones), 1898.
*Jones, Thomas John, 1888.
Jones, Thomas Richard, M. D., 1882.
Jones, William R., 1917.
Jopp, Mentor Valerius Karl, 1899.
Joseph, Pearly D., 1918.
Joslyn, Colin Clinton, 1883.
*Judd, Wilton Brewster, 1891.
Jussen, Paula, 1909.
Kaiser, Wm. L., 1908.
Kellogg, Aimee Laura (Mrs. B. Vanderveld), 1906.
Kelly, Alzina Meroa (Mrs. H. O. Bethel), 1897.
Kennan, Chester Tullar, 1882.

- Kennan, Kossuth Kent, 1875.
Keuper, Orma V., 1916.
Kidder, Samuel T., 1910.
King, Earl L., 1908.
Kingsbury, George L., 1910.
Kirchgeorge, Corinna A., 1912.
Kleiner, Lucile, 1916.
Knight, Irma Faye, 1914.
*Knight, Shirley Faye, 1914.
Knop, Dena L., 1909.
Kopp, Clarence Arthur, 1914.
Kornder, Louis, 1913.
Kramer, Mabel Edith, 1917.
Krause, Ellis, 1912.
Krause, Elwyn Busian, 1914.
Kreutzer, Mrs. Geo. (See Nohl), 1887.
Krebs, George John, 1915.
Kuebler, Alfred, 1917.
Kutchin, Mrs. S. (See Lehmann), 1902.
Kutchin, Victor Sherwood, 1903.
Lamb, Jeannette H., 1909.
Lamb, William Ash, 1904.
Larkin, Anna L. (Mrs. Thomas Brinton), 1912.
Larsen, Hans C., 1916.
Larson, H. E., 1911.
Leahy, Philip, 1898.
Leahy, Mrs. P. (See Hockenhull), 1888.
LeClaire, Belle, 1913.
Lehmann, Harriet Evelyn (Mrs. Sherwood Kutchin), 1902.
Lehmann, Julia Elizabeth, 1899.
Leonard, Arthur Eastman, D. D., 1891.
LeRoy, Mrs. William L. (See Hodge), 1878.
Leutscher, Mrs. Emmons (See Zobel), 1910.
Lewis, George H., 1911.
Lewis, Grace Gifford (Mrs. E. R. Oliver), 1878.
Lewis, Henry, 1915.
Lewis, William Martin, 1877.
Lichtenberg, Oscar, 1909.
Liebmann, Charlotta Beatrix, 1913.
Linderman, Avis, 1917.
Little, Mildred, 1916.
Lobb, Albert J., 1905.
Lobb, Ida B. (Mrs. F. E. Boese), 1907
Loos, John Calvin, 1918.
Lowe, John W., 1910.
Lucas, George H., 1911.
Lucas, Wilfred M., 1916.
Lyman, Mrs. E. C. (See Durand), 1870.
Lyon, Ethel E., 1912.
Lyon, William Hinslea, 1913.
McAssey, Frank Helmer, 1897.
McAssey, Mary Ann (Mrs. Pearse Pinch), 1875.
McClain, Robert Crawford, 1916.
McCray, Francis A., 1909.
McDermid, Jennie (Mrs. Frederick Burman), 1896.

- *McDermid, Jessie, 1904.
- McDermid, Mary (Mrs. Wm. B. Minton), 1895.
- McNicholas, Harry John, 1915.
- MacNeill, Harold, 1911.
- MacNeill, Samuel Melanchton, 1883.
- McQueen, Isabella Margaret, 1896.
- McQueen, Mary Jeannette, 1894.
- Mader, Harry H., 1910.
- Malone, Julian Herkes, 1915.
- Manaton, Cora M., 1911.
- Manz, Linda Helen, 1918.
- *Mapes, Ella Emogene (Mrs. R. W. Arnold), 1870.
- Marchant, Wayne A., 1916.
- Martin, Arthur John, 1914.
- Mason, Claude Robert, 1917.
- Mathisen, Mathilda, 1918.
- Maynard, Fred, 1914.
- Maynard, Marian E., 1916.
- Maunders, Jason Earl, 1918.
- May, Jean Evelyn, 1918.
- Meggers, William F., 1910.
- Meier, Albert Guido, 1903.
- Meier, Laura Angelica, 1903.
- Melvin, Mrs. H. C. (See Johnston), 1916.
- Mercer, Arthur James, 1892.
- Mercer, Ernest Henry, 1893.
- Merrell, Edith Blackman (Mrs. W. R. Davis), 1901.
- Merrell, Edna H., 1908.
- Merrell, Mrs. E. H. (See Clark), 1877.
- Merrell, Edward Tracy, 1886.
- *Merrell, George C., 1905.
- Merrell, Julia H. (Mrs. H. D. Davies), 1904.
- Merrell, Maude Lincoln (Mrs. B. H. Brown), 1886.
- Merrifield, Mrs. W. W. (See Nohl), 1902.
- Meshynski, Elizabeth Pelagia, 1913.
- Meyer, Ella Elizabeth, 1891.
- *Meyer, Frederic William, 1882.
- Meyer, Mrs. F. W. (See Adams), 1882.
- Middleton, Jennie Young, 1889.
- Millard, William Barrett, D. D., 1891.
- Miller, Albert Julian, 1875.
- Miller, Eileen Agnes, 1912.
- Miller, Ethel A., 1911.
- Miller, Florence, 1918.
- Miller, Myrle Ann, 1911.
- Miller, Vine, 1911.
- Minton, Mrs. William B. (See McDermid), 1895.
- Mitchell, Mildred Corinne, 1901.
- Mitchell, Sarah Clyde (Mrs. S. S. Morse), 1900.
- *Miter, Henry Beeman, 1873.
- Montague, Mary Janes (Mrs. H. H. Powers), 1882.
- Mooney, Avis, 1911.
- Mooney, Frank George, 1911.
- Morgan, Clyde Spencer, 1915.
- Morgan, D. Maldwin, 1917.

- Morgan, Frank Theo., 1910.
Morgan, Grace (Mrs. Luther Davies), 1886.
Morgan, Ruby May, 1914.
Morley, Mrs. F. E. (See Collins), 1899.
Morris, Robert, 1897.
Morrison, Mrs. A. (See Jones), 1911.
Morse, Carrie Zettie, 1901.
Morse, Caroline Madge (Mrs. Decker), 1903.
Morse, Chester B., 1905.
Morse, Cora Eugenie (Mrs. F. E. Volk), 1906.
Morse, Edna L., 1917.
Morse, Elmer Addison, 1893.
Morse, Harriet J. (Mrs. W. Newcomb), 1909.
Morse, Mace, 1911.
Morse, Mary Eliza (Mrs. W. M. Short), 1894.
Morse, Roy Lewis, 1894.
Morse, Samuel Smith, M. D., 1899.
Morse, Mrs. S. S. (See Mitchell), 1901.
Morse, Theron Douglas, 1918.
Mosher, Lovila Margaret, 1881.
Mosher, Orville Watson, 1879.
Mouat, Grace, 1886.
Munsell, Lottie, 1898.
Murray, Bessie, 1915.
Murray, Edna Rosina, 1909.
Murray, Mrs. W. B. (See Barlow), 1907.
Murrish, Thomas Smith, 1913.
Mutch, Helen (Mrs. H. A. Clarke), 1910.
Mutch, James Clarence, 1912.
Mutch, Martha Jean, 1915.
*Nelson, Jens, 1916.
Newcomb, Arthur William, 1896.
Newcomb, Morton M., 1906.
Newcomb, Mrs. W. (See Morse), 1909.
*Newschwander, Edgar S., 1904.
Newton, Mamie Lucilda (Mrs. J. Swearingen), 1892.
Nickodem, Frank M., 1911.
Niskern, Perry, 1877.
Nohl, Emelie, 1887.
Nohl, Wanda Laurie (Mrs. W. W. Merrifield), 1902.
Nohr, Alma Helen (Mrs. H. M. Church), 1913.
Nordvi, Mrs. Geo. H. (See Dunbar), 1891.
Northrup, Alonzo Rosseil, 1877.
Nothnagel, Frederick, 1918.
O'Connor, Gordon Francis, 1913.
O'Donnell, Clare, 1916.
O'Neil, Ellen May, 1918.
O'Neil, Barrett William, 1897.
Oakby, J. A., 1917.
Oakby, Mrs. J. A. (See Pritchard), 1917.
Older, Margaret Abiah, 1901.
*Olds, Rosa Emeline (Mrs. W. M. Bristoll), 1870.
Oliver, Elmer Rufus, 1897.
Oliver, Mrs. E. R. (See Lewis), 1897.
Orvis, William E., 1916.

- Osgood, Ruth (Mrs. Ira P. Denning), 1911.
Ostrom, Johan Oscar, 1892.
Otis, Glenn Raymond, 1912.
Owen, Humphrey William, 1912.
Owen, Jennie M., 1905.
Owen, John Thomas, 1908.
Owen, Nellie, 1910.
Owen, Richard William, 1916.
Page, Benjamin Lawrence, 1918.
*Palmer, Victor Edwin, 1897.
Palmer, Mrs. V. E. (See Dennison), 1896.
Paluka, Frank Joseph, 1915.
Pares, Mrs. Ed. (See Zobel), 1908.
Parker, Ira S., 1910.
Parrott, Mrs. F. (See Cleaver), 1883.
Pearsall, Mrs. I. A. (See Dickinson), 1894.
Pedrick, Samuel Marcellus, 1891.
Perkins, Mrs. C. M. (See Foote), 1907.
Peter, Lorraine, 1915.
Peters, Chauncey, George, 1911.
Phelps, Isabella Holmes (Mrs. F. E. Gooding), 1889.
Phelps, Robert McEwen, M. D., 1880.
*Phillips, Merritt Welcome, 1884.
Piehl, H. C., 1911.
Piekarski, Frances, 1906.
*Pinch, Blanche Eliza, 1895.
Pinch, John William, 1875.
Pinch, Pearse, 1875.
Pinch, Mrs. Pearse (See McAssey), 1875.
Pinkerton, Henry Moody, 1897.
*Pinkerton, Myron Winslow, 1868.
Pleuss, Ida Margaretha, 1914.
Pond, Charles Merrils, 1873.
Potter, Doris Helen, 1916.
Powell, John A., 1905.
Powell, Mrs. John A., (See Sheldon), 1907.
Powers, Sarah Ellen (Mrs. J. H. Bradish, 1871.
Powers, Mrs. H. H. (See Montague), 1882.
Pray, Perry Sheldon, 1912.
Preston, Robert P., 1914.
Preston, Robert Elliott, 1914.
Preston, William Hall, 1915.
Price, Mrs. W. F. (See Batson), 1875.
Pritchard, Edith (Mrs. J. A. Oakby), 1917.
Prout, Sadie M., 1909.
Rankin, Mrs. A. W. (See Sherwood), 1875.
Rawlings, Mabel Eva, 1906.
*Reed, Clinton V., 1910.
Reed, Jesse M., 1910.
Reeseburg, Walter John, 1909.
Reichmuth, Augusta L., 1905.
Reichmuth, Erwin F., 1916.
Richardson, Elizabeth, 1906.
Richardson, Newton P., 1908.
Ripley, Edwin Arthur, 1898.

- Roberts, David Kendrick, 1901.
Roberts, Edward Jerome, 1880.
Roberts, Edward S., 1916.
Roberts, John R., 1916.
Roberts, Robert Thomas, D. D., 1879.
Rock, Byron James, 1914.
Rogers, Fred W., 1873.
*Rogers, Harriet Jessup, 1880.
Ronne, Belva L., 1910.
Rosenthal, Edgar Phillip, 1913.
Rottman, Clarence James, 1913.
Rottman, Ruth Lillian (Mrs. Chas. Boyd), 1914.
Rottman, Shirley, 1917.
Roy, Jeanne (Mrs. Glenn Whittet), 1913.
Rountree, John Southworth, 1895.
Rueping, Frank, 1914.
Runals, Mrs. Guy (See Cunningham), 1911.
Russell, Carl P., 1916.
Russell, Guy A., 1911.
Russell, Ira Adams, 1901.
Russell, Maude M., 1917.
Russell, Mrs. Jas. A. (See Holthoff), 1911.
Rust, Albert Franklin, 1871.
Sainsbury, Wm. C., 1917.
*Salisbury, Susan Ann Wright, 1867.
Sanders, Frank Knight, D. D., Ph. D., 1882.
Sanford, Frances F., (Mrs. S. Corey), 1909.
Sanford, Nellie D. (Mrs. M. M. Newcomb), 1905.
Sargent, Adelaide Amanda (Mrs. J. L. Gibbs), 1875
Sargeant, Marian Amoret (Mrs. Williams), 1887.
*Savage, Elvin Berry, 1882.
*Savage, John Wait, 1876.
Schaar, Adele Fredericka, 1913.
Schaar, Arthur E., 1910.
Schaper, Lydia Lenore, 1911.
Schiek, Mrs. Benj. (See Thomas), 1911.
Schneller, Leonard G., 1906.
Scholes, Samuel Ray, 1905.
Schwefel, Lillian E., 1918.
Scribner, Charles Hosmer, M. D., 1886.
*Scribner, Sarah Ellen, 1872.
Searle, Ray Edwin, 1914.
Searle, Victor Jesse, 1918.
Selden, Fred Locatus, 1894.
Selden, Vernon, 1916.
Severy, Mrs. H. A. (See Bumby), 1908.
Seuerian, Arshag, 1918.
Shafer, Robert Albert, 1913.
Shaw, Florence M., 1917.
Shaw, Hiram Hopkins, 1881.
Shaw, Marian, 1916.
Sheehan, Mrs. J. T. (See Williams), 1887.
Sheerar, Frank Beals, 1897.
Sheldon, Nina M. (Mrs. John A. Powell), 1907.
*Shepard, Martha Albina, 1872.

- Shepard, Lee, 1917.
*Sherman, Mrs. Erminine Rawling, 1910.
*Sherman, Louis Mead, 1886.
*Sherman, Sara Jane (Mrs. Chas. W. Headley), 1878.
Sherwood, Jean Caroline (Mrs. A. W. Rankin), 1875.
Sherwood, Robert Griffin, 1908.
Short, Mrs. W. M. (See Morse), 1894.
Shortt, Chester Arthur, 1915.
*Shoemaker, Margaret Blandenia, 1872.
Shuart, Rena B., 1910.
Silver, Edith, 1918.
Sims, Morrison, 1916.
Sizer, William Jabez, 1909.
Skidmore, Lewis Herbert, 1906.
Slater, Ella Mary, 1878.
Smith, Annah Miriam (Mrs. F. Finsterbach), 1870.
Smith, Carey K., 1909.
Smith, Cora Davis, 1916.
Smith, Edwin Jefferson, 1914.
*Smith, Ernest George, 1909.
Smith, Helen Annette, 1913.
Smith, Margaret Helen, 1915.
Smith, Wilbert L., 1910.
Sorenson, Ray Albert, 1913.
Sparks, Mrs. Wilbur (See Bloom), 1904.
*Spencer, Mary Frances (Mrs C. C. Thayer), 1867.
Spoonier, Jessie Ellen, 1896.
Steele, George Monroe, M. D., 1869.
Stelter, Albert H., 1912.
Stewart, Dorothy Delight, 1918.
Stewart, James Russell, 1904.
Stewart, William John, 1900.
Stickle, Ellen Amelia (Mrs. G. J. Harris), 1892.
Stickle, Emilie May (Mrs. F. Friedman), 1892.
*Strong, Abbie Augusta, 1878.
Strong, Louis Kossuth, 1876.
Sutherland, Alfred DeLoyd, 1913.
Sutherland, Daniel DeLloyd, 1883.
Sutherland, Ethel, 1911.
Sutherland, Margaret May, 1894.
Suydam, Mrs. V. A. (See Davis), 1904.
Swartz, Harry Albert, 1913.
Swearingen, Mrs. J. (See Newton), 1892.
Sweet, Carol Eloise, 1914.
Swetland, Joseph E., 1910.
Swift, Lee, 1886.
Taintor, Jessse Fox, 1873.
Taintor, Mary Buckley, 1911.
Talbot, Jessie, 1909.
Tasche, Ruth V., 1917.
Taylor, William Halvor, 1913.
*Thayer, Mrs. C. C. (See Spencer), 1867.
Thomas, Alvira, 1918.
*Thomas, Benjamin Franklin, 1874.
Thomas, David, 1906.

- Thomas, Jessie (Mrs. Benj. Schiek), 1911.
Thomas, John Rogers, 1901.
Thomas, Lester Frank, 1914.
*Thompson, Albert Eugene, 1870.
Thompson, Beryl Beatrice (Mrs. Arpin), 1911.
Thompson, Bernard, 1918.
Thompson, Leonard N., 1911.
Thompson, Paul Jennings, 1898.
Thompson, Ruth, 1908.
Thompson, William Hill, 1905.
Tilson, Mrs. E. S. (See Elwell), 1875.
Toll, Edward, 1918.
Tompkins, Gilbert H., 1908.
Turner, Mrs. J. M. (See Chittenden), 1869.
Toombs, Helen P., 1908.
*Tracy, James Horace, 1868.
Utgard, Carl W., 1912.
Utter, Gertrude M. (Mrs. Charles W. Holbrook), 1905.
Vandervelde, Aimee Jeanette, 1917.
Vandervelde, Bartholomew, 1906.
Vandervelde, Mrs. B. (See Kellogg), 1906.
Vandervelde, Conrad, 1904.
Van Kirk, Ruth Evelyn, 1914.
Volk, Fred Eugene, 1906.
Volk, Mrs. F. E. (See Morse), 1906.
Walls, Charlotte, 1916.
Warner, Lyman Herschell, 1875.
Weeks, Mary Elvira, 1913.
Wegel, Arthur Henry, 1914.
Wegel, Raymond L., 1910.
Weir, Robert A., 1910.
Weisender, Arthur J., M. D., 1905.
Weiss, George Carl, 1886.
Weller, Eva Florence, 1917.
Wendt, William T., 1917.
Wensink, Delmar D., 1916.
Werfelman, William Francis, 1911.
Wheeler, May Curtis, 1890.
White, Frank Newhall, D. D., 1878.
White, Harold Martin, 1911.
Whiting, Albert Jay, 1881.
Whittet, Mrs. Glenn (See Roy), 1913.
Wilcox, Harmon Monroe, 1872.
Williams, Mrs. (See Sargeant), 1887.
Williams, Bernard, 1918.
Williams, Emma Marie (Mrs. J. T. Sheehan), 1878.
Williams, Florence Blaine, 1915.
Williams, John E., 1913.
Williams, John J., 1917.
Williams, Marvin John, 1916.
Williams, Robert Owen, 1907.
Williams, Robert L., 1905.
*Williams, Mrs. R. L. (See Clawson), 1904.
Williams, William Daniel, 1900.
Wills, Sarah E., (Mrs. J. R. Edwards), 1907.

- Wilson, Edward Herbert, 1910.
Wilson, Frances Gage, 1918.
Winchester, Ralph Edward, 1910.
*Wolff, Ida, 1897.
Wright, Luther Lampheare, 1902.
Wyman, Earl, 1917.
Yahr, Edmund A., 1909.
Yeomans, Charles Howard, 1871.
*Young, Henry Archibald, 1898.
Young, Robert V., 1912.
Zemlika, Frances, 1918.
Zerler, Edward E., 1918.
Zinzow, William A., 1915.
Zobel, Edgar, H., 1907.
Zobel, Erna I. (Mrs. Emmons Leutscher), 1910.
Zobel, Julius H., 1918.
Zobel, Lillian A., 1914.
Zobel, Lola (Mrs. Ed. Pares), 1908.
Zobel, Louise, 1911.
Zobel, Otto Julius, 1909.

* Deceased.

Index

	PAGE		PAGE
Absences from Class and Chapel.....	52	College Year.....	49
Administration, College.....	49	College, Administration of....	49
Administrative Officers.....	150	Commerce, Preparation for...	83
Admission, Application for....	55	Committees of the Faculty....	151
Admission Requirements.....	55	Commons.....	39
Admission by Certificate.....	66	Conditions.....	51
Advanced Standing.....	67	Contents, Table of.....	2
Advantages of the College....	17	Correspondence.....	6
Agriculture, Preparation for.....	79	Courses of Instruction.....	87
Annuity Bond, Form of.....	48	Course Leading to Degree of A. B.....	70
Archaeology, Courses in.....	90	Course Leading to Degree of Ph. B.....	73
Athletics.....	27	Credits, Honor.....	70
Attendance, Summary of.....	167	Credits, Required for Graduation.....	70
Awards in 1918.....	154	Crimson, The.....	36
Band, College.....	33	Debating and Oratory.....	29
Bequest, Form of.....	48	Debating, Courses in.....	98
Biblical History.....	87	Degrees, Requirements for....	53
Biology, Courses in.....	110	Degrees Conferred in 1918....	152
Biology-Chemistry, Course... in.....	76	Democratic Spirit.....	15
Board.....	39	Deposits.....	37
Board of Trustees.....	140	Dining Association.....	39
Botany, for Admission.....	64	Dishonesty in College Work...	52
Botany, Courses in.....	110	Dormitory Accommodations ..	38
Buildings.....	17	Dramatics.....	34
Bulletin, The.....	36	Economics, Courses in.....	104
Calendar.....	8	Economics, for Admission.....	64
Carnegie Foundation.....	15	Education, Courses in.....	89
Cercle Francois.....	35	Elementary Law, Courses in..	118
Chapel, Absences from.....	52	Eligibility Regulations.....	53
Chemistry, Courses in.....	113	Endowments and Gifts.....	45
Chemistry, for Admission.....	65	Engineering, Preparation for..	81
Church Choir.....	32	English, for Admission.....	57
Class, Absences from.....	52	English, Required for Graduation.....	72, 98
Class Records.....	51	English Composition, Courses in.....	98
Class Standing.....	51	English Literature, Courses in.....	100
Classification of Students....	51	Entrance Requirements.....	55
Clubs, Rules Relating to.....	50	Expenses, Tuition, etc.....	37
College Awards.....	154	Faculty.....	144
College Band.....	33	Faculty Committees.....	151
College Commons.....	39	Failures.....	51
College Days.....	36	Fees.....	37
College History.....	10	Fellowships.....	43
College, Location of.....	14	Foreign Language, Concerning.....	57
College Organizations.....	31	French, Courses in.....	95
College Preachers and Lecturers.....	142		
College Publications.....	36		
College, Purpose of.....	14		

	PAGE		PAGE
French, for Admission.....	62	Physics, Courses in.....	114
General Educational Board...	15	Physics, for Admission.....	65
General Information.....	14	Pi Kappa Delta.....	33
German, Courses in.....	94	Political Science, Courses in...	101
German, for Admission.....	62	Pre-Professional Courses....	30, 79
Gifts.....	45	Price of College Rooms.....	38
Glee Club.....	32	Prizes and Honors.....	42
Government, College.....	49	Prizes and Honors Awarded	
Government, Courses in.....	101	in 1918.....	154
Graduation, Requirements for.	70	Publications.....	36
Greek, Courses in.....	90	Public Speaking, Courses in ..	98
Greek, for Admission.....	61	Public Service, Preparation	
Grounds and Buildings.....	17	for.....	82
Group System.....	75	Purposes of the College.....	14
Gymnasium.....	21	Reasons for Aiding Ripon....	45
History Club.....	34	Register of Alumni.....	168
History, College.....	10	Registration.....	55
History, Courses in.....	101	Religious Life.....	16
History, for Admission.....	63	Requirements for Admission..	55
History-Economics, Group		Requirements for Graduation.	53, 70
Courses in.....	76	Reserve Officers' Training	
Honor Credits.....	70	Corps.....	28, 162
Honors and Prizes Offered....	42	Retired Faculty.....	148
Laboratories.....	23	Room Rent.....	38
Laboratory Fees.....	37	Schedule of Recitations.....	121
Language-Literature, Group		Scholarship Funds.....	41
Courses in.....	75	School of Music.....	130
Latin, Courses in.....	92	School of Music, Courses of	
Latin, for Admission.....	61	Study.....	131
Latin Club.....	34	School of Music, Tuition and	
Law, Courses in.....	118	Expenses.....	137
Law, Preparation for.....	82	Selection of Studies.....	70
League, The.....	35	Sociology, Courses in.....	104
Lecturers.....	142	Spanish Courses in.....	97
Library.....	22	Spanish, for Admission.....	63
Library Work, Preparation for	83	Special Funds.....	41
Library Science, Courses in...	118	Standards of the College.....	15
Location.....	14	State Teacher's Certificate....	85
Majors and Minors.....	71, 72	Student Aid.....	40
Mask and Wig.....	34	Student Assistants.....	149
Mathematics, Courses in.....	108	Student Expenses.....	37
Mathematics, for Admission..	60	Students, List of.....	156
Mathematics-Physics,		Summary of Attendance.....	167
Course in.....	78	Teaching, Preparation for....	84
Medical Adviser.....	26	Teachers' Certificates.....	85
Medicine, Preparation for....	80	Theology, Preparation for....	84
Military Science and Tactics..	27	Trustees.....	140
Military Science and Tactics,		Tuition.....	37
Courses in.....	119	University, Relations with....	68
Museum.....	25	Vacations.....	49
Music, College Courses in... 77,	106	Vesper Services.....	16, 52
Non-Fraternity College.....	50	Vocational Subjects.....	57, 66
Oratorical Board.....	31	World Literature.....	87
Orchestra.....	33	Young Men's Christian Asso-	
Origin of Institution.....	14	ciation.....	31
Philosophy, Courses in.....	88	Young Women's Christian	
Philosophy, Group Courses...	75	Association.....	31
Physical Education.....	26	Zoology, Courses in.....	110
Physical Education,		Zoology, for Admission.....	65
Courses in.....	117		

UNIVERSITY OF ILLINOIS-URBANA



3 0112 112020794

· PRESS OF
MEYER-ROTIER PRINTING CO.
MILWAUKEE

